



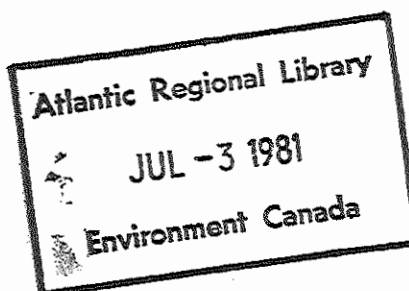
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Monthly Summary February 1977



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Dartmouth Env. Can. Lib./Bib.



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Surveillance Report
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Rapport de surveillance
EPS 5-AP-78-2

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l'assainissement de l'air

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SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONFEBRUARY - FEVRIER
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	426	1.5	2	4	6	6	2	3	3	3
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	616	1.7	2	5	6	9	2	3	4	4
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	459	***	1	3	7	8	1	2	2	3
30115I	CFB SHEARWATER	323	---	1	2	3	18	1	2	2	2
30116C	BARRINGTON & DUKE	470	1.7	2	4	6	7	2	3	4	4
30310C	SYDNEY, N.S. COUNTY JAIL	604	***	0	1	2	4	0	1	1	1
30311R	WHITNEY PIER FIRE STN.	369	1.3	2	5	8	16	1	4	5	5
40202C	SAINT JOHN, N.B. POST OFFICE	607	4.0	4	12	20	29	4	11	14	16
50101R	MONTREAL, QUEBEC PARC JARRY	668	3.0	3	7	10	22	4	6	7	7
50102R	JARDIN BOTANIQUE	654	3.4	4	8	10	19	4	7	8	9
50103R	POINTE-AUX-TREMBLES	434	3.4	4	11	16	22	4	7	7	7
50104C	1125 ONTARIO EST	488	4.7	6	10	15	19	6	9	10	10
50105C	1212 DRUMMOND	589	7.2	8	13	19	31	8	11	13	13
50106R	VILLE ST-LAURENT	672	***	0	0	2	3	0	1	1	1
50107R	VILLE LASALLE	670	***	0	4	7	13	1	3	4	4
50109C	DUNCAN & DECARIE	573	1.8	2	4	6	11	2	4	5	5
50110C	PARC PILON, MTL.-NORD	415	2.7	4	6	8	9	4	5	5	5
50111C	2900 BOUL. CONCORDE	612	2.4	3	5	7	9	3	5	5	6
50112C	BOUL. LAURENTIDES	616	1.9	3	5	6	7	3	4	5	5
50113R	PIE X & CARDINAL	496	1.7	2	5	6	6	3	5	5	5
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	615	4.1	5	11	16	91	6	8	11	11
50304C	155 DORCHESTER SUD	607	4.2	4	15	24	42	5	9	14	15
50305R	MYRAND & ST-CYRILLE	615	3.8	4	16	28	53	5	9	17	18
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	---	-	-	-	-	-	-	-	-
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	444	***	1	2	2	4	1	1	1	1
0801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	616	1.0	1	3	4	43	1	3	3	3
50901R	ARVIDA, QUEBEC POWELL & HOOPES	119	---	13	16	18	19	11	14	14	14
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	672	***	1	3	5	10	1	2	3	3
60101C	OTTAWA, ONT. 88 SLATER ST.	495	3.6	5	7	11	19	5	6	8	9
60104C	RIDEAU & WURTEMBERG	419	2.9	4	6	7	9	4	5	6	6
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	579	2.4	3	6	9	17	3	5	6	6
60204C	471 UNIVERSITY AVENUE	643	2.7	3	7	11	17	3	5	7	8
60211R	COLLEGE & PRINCE	644	2.4	3	6	9	19	3	6	6	6
60302R	KINGSTON, ONT. NAPIER STREET	552	1.5	2	5	7	8	2	4	6	6
60401C	TORONTO, ONT. 67 COLLEGE STREET	640	2.3	2	6	12	17	3	5	8	8
60402R	DON MILLS, SCIENCE CNTR	630	1.4	1	4	8	10	2	4	5	5
60403I	EVANS & ARNOLD	629	1.4	1	5	9	14	2	4	7	7
60409R	REDLANDS CRESCENT	667	2.3	2	7	11	15	3	7	8	8
60410R	LAWRENCE & KENNEDY	659	2.3	2	6	10	15	3	6	8	8
60411R	PHARMACY & HWY 401	663	2.5	3	7	13	18	3	6	8	8
60412R	BATHURST & WILSON	654	1.0	1	3	8	11	1	3	5	5
60413R	ELMCREST ROAD	656	1.8	2	4	8	11	2	4	6	6
60501C	HAMILTON, ONT. BARTON & SANFORD	655	2.8	3	6	8	11	4	5	6	6
60505R	NORTH PARK	653	2.4	3	7	9	15	3	6	7	8
60602R	SUDBURY, ONT. ASH STREET	658	1.3	1	4	7	33	2	3	4	4
60606C	KENNEDY STREET	655	1.7	2	4	8	16	2	3	4	4

*** 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 MILLIONFEBRUARY - FEVRIER
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
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	583	***	1	3	4	5	1	2	3	3
60806R	THUNDER BAY, ONT. 435 JAMES S.	599	***	0	0	1	4	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	651	1.3	1	4	5	7	2	4	4	4
61001C	SARNIA, ONT. 156 VICTORIA STREET	661	3.3	3	14	20	25	4	11	16	16
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	582	1.5	2	5	6	9	2	5	5	6
61201R	CORNWALL, ONT. MEMORIAL PARK	640	2.9	4	6	10	17	4	5	7	7
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	325	---	2	4	6	7	2	4	4	4
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	665	1.0	1	3	6	6	2	3	4	4
61501C	KITCHENER, ONT. EDNA & FREDERICK	668	1.4	2	4	5	6	2	3	4	4
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	600	***	1	3	5	5	1	3	3	3
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	293	---	0	1	1	4	0	0	1	1
70102R	PORTAGE & WOODLAWN	409	***	0	0	0	0	0	0	0	0
70104I	UNION STOCK YARDS	297	---	1	1	3	4	1	1	1	1
70118R	JEFFERSON & SCOTIA	497	***	0	1	1	1	0	0	0	1
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	615	***	0	1	2	2	0	0	1	1
80108C	REGINA, SASK. 12TH & SMITH	0	---	-	-	-	-	-	-	-	-
80202C	SASKATOON, SASK. CITY LIBRARY	584	***	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	599	***	0	0	0	2	0	0	0	0
80401C	PRINCE ALBERT, SASK. 49-12TH STREET EAST	643	***	0	0	0	1	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	550	***	0	0	0	3	0	0	0	0
90122R	127 ST. & 133 AVENUE	562	***	0	0	0	1	0	0	0	0
90130C	10255 - 104TH STREET	607	***	0	0	1	2	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	598	***	0	0	0	0	0	0	0	0
90219C	620-7TH AVENUE, S.W.	614	***	0	0	1	5	0	0	1	1
90222R	39 ST. & 29 AVE. N.W.	600	***	0	0	0	0	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	447	***	1	2	3	3	1	2	2	2
00108I	250 WEST 70TH AVENUE	66	---	0	1	1	1	0	0	0	0
00109C	970 BURRARD	314	---	1	3	6	12	1	3	4	4
00110R	E. HASTINGS & KENSINGTON	616	1.2	1	4	7	10	2	4	6	6
00111I	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	132	---	0	2	3	5	0	1	1	1
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	627	***	0	1	2	3	0	1	1	1
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	132	---	0	1	2	2	0	1	1	1

*** CALCULATED MEANS ARE BELOW 10 PARTS PER BILLION.
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--- 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 MILLIONFEBRUARY - FEVRIER
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			
				INTERVALS - INTERVALLES				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
301151	HALIFAX, N.S.														
30116C	CFB SHEARWATER	669	***	0	1	2	3	0	1	1	1	0	0	0	0
	BARRINGTON & DUKE	622	1.4	2	4	6	12	2	3	4	5	2	2	3	3
50103R	MONTREAL, QUEBEC														
50104C	POINTE-AUX-TREMBLES	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50110C	1125 ONTARIO EST	665	2.4	3	5	7	14	3	4	7	9	3	4	5	5
50111C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50112C	2900 BOUL. CONCORDE	475	1.1	1	4	5	5	1	3	3	4	2	2	2	2
50113R	BOUL. LAURENTIDES	660	1.4	2	4	7	9	2	3	4	5	2	3	3	3
50114C	PIE X & CARDINAL	654	***	0	2	3	7	0	1	3	3	0	1	1	1
	677 STE-CATHERINE O.	531	4.4	5	8	11	23	5	8	12	15	5	6	7	7
50304C	QUEBEC, QUEBEC														
	155 DORCHESTER SUD	620	2.6	3	9	13	18	3	8	10	12	3	6	7	7
60101C	OTTAWA, ONT.														
60104C	88 SLATER ST.	657	2.7	3	7	11	21	3	6	9	10	3	5	5	5
	RIDEAU & WURTEMBURG	612	1.3	1	3	4	6	1	2	4	4	1	2	3	3
60204C	WINDSOR, ONT.														
	471 UNIVERSITY AVENUE	568	3.6	5	6	8	10	5	6	7	8	4	6	6	6
60401C	TORONTO, ONT.														
60402R	67 COLLEGE STREET	670	1.7	2	4	5	7	2	3	4	4	2	3	3	3
60403I	DON MILLS, SCIENCE CNTR	666	1.4	2	2	3	4	2	2	3	3	1	2	2	2
60410R	EVANS & ARNOLD	670	1.2	1	2	3	5	1	2	3	3	1	2	2	2
60411R	LAWRENCE & KENNEDY	667	1.7	2	4	5	6	2	3	4	4	2	3	3	3
60412R	PHARMACY & HWY 401	666	1.5	2	3	5	6	2	3	3	3	2	2	2	2
60413R	BATHURST & WILSON	672	2.0	2	3	5	7	2	3	4	5	2	3	3	3
	ELMCREST ROAD	665	0.9	1	2	2	3	1	2	2	2	1	1	2	2
60501C	HAMILTON, ONT.														
	BARTON & SANFORD	619	1.1	1	3	5	8	1	2	3	5	1	2	2	2
60602R	SUDBURY, ONT.														
	ASH STREET	670	1.0	1	2	3	5	1	2	2	3	1	1	2	2
60901C	LONDON, ONT.														
	KING & RECTORY	416	2.1	2	5	8	10	2	5	7	8	3	4	5	5
1001C	SARNIA, ONT.														
	156 VICTORIA STREET	664	2.3	3	4	4	5	3	3	4	4	3	3	3	3
61201R	CORNWALL, ONT.														
	MEMORIAL PARK	637	1.2	1	2	3	8	1	2	3	4	1	2	2	2
61301C	ST. CATHARINES, ONT.														
	NORTH ST. CITY YARD	670	1.8	2	3	7	11	2	3	4	4	2	3	3	3
61501C	KITCHENER, ONT.														
	EDNA & FREDERICK	672	1.2	1	2	4	7	1	2	3	4	1	2	2	2
61601R	OAKVILLE, ONT.														
	REBECCA & WOODSIDE	586	1.2	1	2	3	9	1	2	3	3	1	2	2	2
70101C	WINNIPEG, MAN.														
70102R	270 OSBORNE STREET	321	---	2	3	5	6	2	3	3	3	2	2	2	3
70118R	PORTAGE & WOODLAWN	604	0.9	1	3	3	5	1	2	3	3	1	2	2	2
	JEFFERSON & SCOTIA	628	0.9	1	3	4	5	1	2	3	3	1	2	2	2
80108C	REGINA, SASK.														
	12TH & SMITH	0	---	-	-	-	-	-	-	-	-	-	-	-	-
80202C	SASKATOON, SASK.														
	CITY LIBRARY	612	1.2	2	3	5	6	2	2	3	4	2	2	3	3
90121I	EDMONTON, ALTA.														
90122R	17 STREET & 105 AVENUE	667	0.8	1	2	3	4	1	2	2	2	1	2	2	2
90130C	127 ST. & 133 AVENUE	652	2.3	3	7	14	26	3	6	10	14	3	6	7	8
	10255 - 104TH STREET	666	2.3	3	5	8	14	3	4	7	8	3	4	5	5
90219C	CALGARY, ALTA.														
90222R	620-7TH AVENUE, S.W.	672	2.8	3	8	13	20	3	6	7	8	3	4	5	5
	39 ST. & 29 AVE. N.W.	671	1.7	2	5	7	13	2	3	5	5	2	3	3	3
00106R	VANCOUVER, B.C.														
00108I	2294 WEST 10TH AVENUE	672	2.1	2	7	9	12	2	6	7	8	3	5	5	5
00109C	250 WEST 70TH AVENUE	672	1.6	2	6	9	13	2	5	7	8	2	4	5	5
00110R	970 BURRARD	83	---	4	7	12	12	3	6	7	7	4	5	5	5
00111I	E. HASTINGS & KENSINGTON	672	1.1	1	3	4	5	1	3	4	4	2	2	3	3
	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-	-	-	-	-

*** 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 MILLIONFEBRUARY - FEVRIER
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
00302C	VICTORIA, B.C. 1106 COOK ST.	617	1.5	2	5	10	20	2	4	6	7	2	3	3	4

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLIONFEBRUARY - FEVRIER
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			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	669	***	1	2	2	4	1	1	2	2
30116C	CFB SHEARWATER	0	---	-	-	-	-	-	-	-	-
	BARRINGTON & DUKE										
50102R	MONTREAL, QUEBEC	672	2.7	3	6	7	8	3	5	5	5
50104C	JARDIN BOTANIQUE	669	3.9	4	5	6	8	4	5	5	5
50109C	1125 ONTARIO EST	671	4.2	5	6	6	8	5	5	6	6
50110C	DUNCAN & DECARIE	583	4.7	6	7	9	13	6	7	7	7
50111C	PARC PILON, MTL.-NORD	651	4.1	5	6	7	7	5	6	6	6
50112C	2900 BOUL. CONCORDE	666	3.5	4	5	6	9	4	5	5	6
50113R	BOUL. LAURENTIDES	553	2.6	3	5	5	6	3	4	5	5
	PIE X & CARDINAL										
50304C	QUEBEC, QUEBEC	554	3.4	4	7	8	10	4	6	7	7
	155 DORCHESTER SUD										
60101C	OTTAWA, ONT.	0	---	-	-	-	-	-	-	-	-
60104C	88 SLATER ST.	283	---	3	12	30	34	3	10	11	11
	RIDEAU & WURTEMBURG										
60204C	WINDSOR, ONT.	662	4.0	4	7	8	10	4	6	7	7
	471 UNIVERSITY AVENUE										
60401C	TORONTO, ONT.	581	3.7	5	6	8	8	4	6	7	7
60402R	67 COLLEGE STREET	663	2.3	3	4	5	5	3	4	4	4
60403I	DON MILLS, SCIENCE CNTR	619	3.2	4	5	5	6	4	4	5	5
60410R	EVANS & ARNOLD	660	2.6	3	4	5	5	3	4	4	4
60411R	LAWRENCE & KENNEDY	664	4.3	5	6	7	8	5	5	6	6
60412R	PHARMACY & HWY 401	669	3.5	4	6	7	8	4	6	6	7
60413R	BATHURST & WILSON	664	2.2	3	5	6	7	3	4	4	5
	ELMCREST ROAD										
60501C	HAMILTON, ONT.	672	5.7	7	9	11	13	7	8	9	10
60505R	BARTON & SANFORD	152	---	4	6	6	8	4	5	5	5
	NORTH PARK										
60602R	SUDBURY, ONT.	663	1.9	2	4	5	5	3	3	4	4
	ASH STREET										
60901C	LONDON, ONT.	668	3.3	4	6	8	10	4	6	6	6
	KING & RECTORY										
61001C	SARNIA, ONT.	398	3.4	4	7	9	9	4	6	7	7
	156 VICTORIA STREET										
61201R	CORNWALL, ONT.	671	2.1	2	4	5	6	2	4	4	4
	MEMORIAL PARK										
61301C	ST. CATHARINES, ONT.	637	2.6	3	5	7	11	3	4	6	6
	NORTH ST. CITY YARD										
61501C	KITCHENER, ONT.	668	3.4	4	6	10	13	4	5	7	7
	EDNA & FREDERICK										
61601R	OAKVILLE, ONT.	666	2.3	3	4	6	7	3	4	4	4
	REBECCA & WOODSIDE										
70101C	WINNIPEG, MAN.	332	---	4	9	19	29	4	8	9	9
70118R	270 OSBORNE STREET	649	2.2	3	5	5	8	3	4	5	5
	JEFFERSON & SCOTIA										
90122R	EDMONTON, ALTA.	669	3.1	4	6	7	9	4	5	5	6
90130C	127 ST. & 133 AVENUE	665	4.6	5	6	7	8	5	6	6	6
	10255 - 104TH STREET										
90219C	CALGARY, ALTA.	637	5.8	6	10	14	33	6	8	10	10
90222R	620-7TH AVENUE, S.W.	667	2.8	3	6	7	9	3	4	4	5
	39 ST. & 29 AVE. N.W.										
00106R	VANCOUVER, B.C.	0	---	-	-	-	-	-	-	-	-
00108I	2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-
00109C	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	970 BURRARD	551	2.9	3	6	9	10	3	5	5	5
	E. HASTINGS & KENSINGTON										

*** 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 MILLIONFEBRUARY - FEVRIER
1977OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	669	2.8	3	4	5	6	3	4	4	4
	BARRINGTON & DUKE	260	---	3	4	5	5	3	4	4	4
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	672	1.3	2	4	5	6	2	3	4	4
50104C	POINTE-AUX-TREMBLES	661	1.9	3	5	6	9	3	5	5	5
50109C	1125 ONTARIO EST	669	0.6	1	2	4	5	1	2	2	3
50110C	DUNCAN & DECARIE	672	0.9	1	3	4	4	1	2	3	3
50111C	PARC PILON, MTL.-NORD	292	---	3	5	6	9	3	4	5	5
50112C	2900 BOUL. CONCORDE	600	2.2	3	5	6	7	3	4	5	5
50113R	BOUL. LAURENTIDES	669	1.8	3	4	5	5	2	3	4	4
	PIE X & CARDINAL	297	---	4	5	5	6	3	5	5	5
50304C	QUEBEC, QUEBEC										
	155 DORCHESTER SUD	668	1.6	2	4	4	4	2	3	3	4
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	541	1.2	2	3	4	4	1	2	3	3
	RIDEAU & WURTEMBERG	664	1.4	2	3	4	4	2	3	3	3
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	644	1.2	2	3	3	5	2	2	2	2
60401C	TORONTO, ONT.										
60402R	67 COLLEGE STREET	650	1.4	2	3	3	4	2	2	3	3
60403I	DON MILLS, SCIENCE CNTR	666	0.7	1	2	2	2	1	1	2	2
60410R	EVANS & ARNOLD	661	0.8	1	2	2	3	1	1	2	2
60413R	LAWRENCE & KENNEDY	592	1.2	2	3	3	3	2	2	2	2
	ELMCREST ROAD	662	1.6	2	3	3	4	2	3	3	3
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	672	1.6	2	3	4	4	2	2	3	3
60602R	SUDBURY, ONT.										
	ASH STREET	320	---	2	3	3	3	2	2	3	3
60901C	LONDON, ONT.										
	KING & RECTORY	650	1.6	2	3	3	7	2	2	3	3
61001C	SARNIA, ONT.										
	156 VICTORIA STREET	667	1.5	2	3	4	4	2	3	3	3
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	641	1.7	2	3	3	4	2	2	3	3
61301C	ST. CATHARINES, ONT.										
	NORTH ST. CITY YARD	643	1.9	2	3	4	6	2	3	3	3
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	603	2.6	3	4	5	5	3	4	4	4
61601R	OAKVILLE, ONT.										
	REBECCA & WOODSIDE	620	1.6	2	3	3	4	2	3	3	3
70101C	WINNIPEG, MAN.										
70118R	270 OSBORNE STREET	215	---	1	3	3	3	1	2	2	2
	JEFFERSON & SCOTIA	566	1.9	3	4	4	5	3	4	4	4
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	508	0.9	2	3	4	4	1	2	2	2
	10255 - 104TH STREET	671	0.8	1	3	3	4	1	1	2	2
90219C	CALGARY, ALTA.										
90222R	620-7TH AVENUE, S.W.	634	0.9	1	3	4	6	1	2	2	2
	39 ST. & 29 AVE. N.W.	669	2.1	3	4	4	5	2	3	3	3
00106R	VANCOUVER, B.C.										
00108I	2294 WEST 10TH AVENUE	661	0.5	1	2	3	4	1	2	3	3
00109C	250 WEST 70TH AVENUE	512	1.1	2	4	4	5	1	3	4	4
00110R	970 BURRARD	672	***	0	2	2	3	1	1	2	2
00111I	E. HASTINGS & KENSINGTON	672	1.0	2	3	3	3	1	2	2	2
	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-
00302C	VICTORIA, B.C.										
	1106 COOK ST.	670	2.2	3	6	6	7	3	5	6	6

*** CALCULATED MEANS ARE BELOW 5 PARTS PER BILLION.
LES MOYENNES SONT INFERIEURES A 5 PARTIES PAR BILLION.

--- 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.

FEBRUARY - FEVRIER
1977

INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCES					
	EMPLACEMENT			INTERVALS -		INTERVALLES		MEANS		MOYENNES			
				2-HOUR /	HEURES	70	95	99	MAX	70	95	99	MAX
				70	95	99	MAX						
HALIFAX, N.S.													
30114R	MT ST VINCENT UNIVERSITY	335	****	0.1	0.2	0.3	0.4	0.1	0.1	0.1	0.1		
30115I	CFB SHEARWATER	336	****	0.1	0.3	0.6	1.1	0.1	0.2	0.4	0.4		
30116C	BARRINGTON & DUKE	334	0.29	0.4	0.6	1.0	1.3	0.3	0.5	0.6	0.6		
SYDNEY, N.S.													
30310C	COUNTY JAIL	336	0.27	0.3	0.8	1.2	1.6	0.3	0.5	0.6	0.6		
30311R	WHITNEY PIER FIRE STN.	336	0.38	0.5	1.2	1.6	2.7	0.5	0.7	0.8	0.9		
SAINT JOHN, N.B.													
40202C	POST OFFICE	220	0.42	0.5	0.9	1.2	1.6	0.5	0.7	0.7	0.7		
MONTREAL, QUEBEC													
50101R	PARC JARRY	312	0.49	0.6	0.9	1.5	1.6	0.6	0.8	0.9	0.9		
50102R	JARDIN BOTANIQUE	336	0.56	0.6	1.4	1.7	2.1	0.7	1.0	1.1	1.2		
50103R	POINTE-AUX-TREMBLES	336	****	0.1	0.3	0.4	0.5	0.1	0.2	0.2	0.3		
50104C	1125 ONTARIO EST	302	0.75	0.8	1.6	2.5	2.5	0.8	1.3	2.1	2.1		
50105C	1212 DRUMMOND	327	0.71	0.8	1.4	1.9	3.3	0.8	1.2	1.3	1.4		
50106R	VILLE ST-LAURENT	327	0.35	0.4	0.9	1.4	1.5	0.4	0.7	0.8	0.9		
50107R	VILLE LASALLE	336	0.54	0.6	1.2	1.7	2.6	0.6	0.9	1.0	1.1		
50109C	DUNCAN & DECARIE	326	0.61	0.8	1.2	1.4	2.9	0.7	1.0	1.2	1.2		
50110C	PARC PILON, MTL.-NORD	334	0.32	0.4	0.8	1.1	1.3	0.4	0.7	0.8	0.8		
50111C	2900 BOUL. CONCORDE	336	0.22	0.3	0.6	0.8	1.3	0.3	0.5	0.5	0.5		
50112C	BOUL. LAURENTIDES	336	0.43	0.5	1.0	1.1	1.6	0.5	0.7	0.9	0.9		
50113R	PIE X & CARDINAL	335	0.22	0.3	0.7	0.9	1.4	0.3	0.5	0.6	0.7		
QUEBEC, QUEBEC													
50303I	CENTRE LOISIRS LIMOILLOU	336	0.10	0.2	0.5	0.7	1.4	0.1	0.4	0.4	0.5		
50304C	155 DORCHESTER SUD	336	0.42	0.5	1.4	2.0	2.4	0.6	1.1	1.3	1.3		
TROIS-RIVIERES, QUEBEC													
50801R	HART & STE-CECILE	336	0.37	0.5	1.1	1.9	3.4	0.4	0.9	1.1	1.2		
TRACY, QUEBEC													
51001R	3225 AVE COURSHESNE	0	----	-	-	-	-	-	-	-	-		
OTTAWA, ONT.													
60101C	88 SLATER ST.	335	0.83	1.0	2.2	2.8	3.2	1.1	1.7	2.0	2.1		
60102R	EXPERIMENTAL FARM	288	0.26	0.4	0.7	1.1	1.4	0.3	0.6	0.7	0.7		
60103C	GILMOUR STREET	251	0.31	0.4	0.8	1.1	1.1	0.3	0.5	0.6	0.6		
60104C	RIDEAU & WURTEMBERG	232	0.20	0.3	0.5	0.9	0.9	0.2	0.4	0.5	0.5		
WINDSOR, ONT.													
6204C	471 UNIVERSITY AVENUE	641	0.66	(1)	0.8	1.4	1.7	0.8	1.2	1.3	1.4		
60211R	COLLEGE & PRINCE	642	0.60	(1)	0.7	1.1	1.4	0.7	0.9	1.0	1.1		
KINGSTON, ONT.													
60302R	NAPIER STREET	303	****	0.1	0.3	0.3	0.4	0.1	0.1	0.2	0.2		
TORONTO, ONT.													
60401C	67 COLLEGE STREET	659	0.45	(1)	0.6	1.0	1.3	0.6	0.9	1.0	1.1		
60402R	DON MILLS, SCIENCE CNTR	655	0.45	(1)	0.6	1.0	1.2	0.6	1.0	1.0	1.1		
60403I	EVANS & ARNOLD	647	0.52	(1)	0.7	1.1	1.5	0.6	1.1	1.2	1.2		
60409R	REDLANDS CRESCENT	271	0.27	(1)	0.3	0.7	1.0	0.3	0.6	0.7	0.7		
60410R	LAWRENCE & KENNEDY	662	0.33	(1)	0.4	0.7	0.9	0.4	0.6	0.7	0.7		
60411R	PHARMACY & HWY 401	655	0.55	(1)	0.7	1.2	1.6	0.7	0.9	1.1	1.1		
60412R	BATHURST & WILSON	649	0.57	(1)	0.7	1.4	1.7	0.8	1.2	1.3	1.4		
60413R	ELMCREST ROAD	333	0.35	(1)	0.5	1.0	1.5	0.4	0.6	0.8	0.8		
HAMILTON, ONT.													
60501C	BARTON & SANFORD	657	0.58	(1)	0.7	1.2	1.8	0.7	1.1	1.4	1.5		
60505R	NORTH PARK	656	0.78	(1)	1.0	1.5	1.8	1.0	1.4	1.5	1.6		
SUDBURY, ONT.													
60602R	ASH STREET	637	****	(1)	0.1	0.3	0.4	0.1	0.3	0.3	0.3		
SAULT STE. MARIE, ONT.													
60704C	445 ALBERT STREET	332	0.17	(1)	0.2	0.5	0.7	0.2	0.3	0.3	0.4		
THUNDER BAY, ONT.													
60806R	435 JAMES S.	329	0.17	(1)	0.2	0.5	0.9	0.2	0.3	0.4	0.4		
LONDON, ONT.													
60901C	KING & RECTORY	625	0.32	(1)	0.4	0.8	1.1	0.4	0.7	0.8	0.8		
60902C	372 DUNDAS	335	0.22	(1)	0.3	0.6	0.8	0.2	0.5	0.6	0.6		
SARNIA, ONT.													
61001C	156 VICTORIA STREET	657	0.36	(1)	0.5	0.9	1.1	0.5	0.8	0.9	0.9		
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	0	----	-	-	-	-	-	-	-	-		

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

**** CALCULATED MEANS ARE BELOW 0.1
LES MOYENNES SONT INFÉRIEURES À 0.1

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.FEBRUARY - FEVRIER
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
61201R	CORNWALL, ONT. MEMORIAL PARK	282	0.18	0.2	0.5	0.7	0.7	0.2	0.3	0.4	0.4
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	323	0.26	0.3	0.7	1.1	1.8	0.3	0.5	0.6	0.7
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	269	0.30	0.4	0.8	0.9	1.0	0.4	0.6	0.7	0.7
61501C	KITCHENER, ONT. EDNA & FREDERICK	336	0.32	0.4	0.9	1.2	1.6	0.4	0.7	0.8	0.8
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	333	0.33	0.4	0.8	1.3	1.8	0.4	0.8	0.8	0.9
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	146	----	0.2	0.3	0.5	0.6	0.2	0.3	0.3	0.3
70102R	PORTAGE & WOODLAWN	232	0.12	0.2	0.3	0.3	0.3	0.1	0.2	0.3	0.3
70104I	UNION STOCK YARDS	61	----	0.2	0.3	0.4	0.4	0.2	0.2	0.3	0.3
70118R	JEFFERSON & SCOTIA	328	0.14	0.2	0.4	0.7	0.8	0.2	0.3	0.4	0.4
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	316	0.11	0.1	0.3	0.4	0.8	0.1	0.2	0.3	0.3
80102R	REGINA, SASK. 3211 ALBERT STREET	0	----	-	-	-	-	-	-	-	-
80108C	12TH & SMITH	151	----	0.1	0.2	0.3	0.5	0.1	0.1	0.1	0.1
80202C	SASKATOON, SASK. CITY LIBRARY	259	****	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0
80203R	PORTENAU LODGE	333	****	0.0	0.1	0.2	0.2	0.0	0.1	0.1	0.1
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	336	****	0.0	0.1	0.3	0.3	0.0	0.1	0.1	0.2
80401C	PRINCE ALBERT, SASK. 49-12TH STREET EAST	109	----	0.1	0.2	0.3	0.8	0.1	0.2	0.2	0.2
90109I	EDMONTON, ALTA. 149 ST. & 115 AVENUE	336	0.14	0.2	0.5	0.9	1.5	0.2	0.3	0.3	0.3
90118R	73 AVENUE & 95 STREET	335	0.15	0.2	0.5	0.8	0.9	0.2	0.3	0.4	0.5
90122R	127 ST. & 133 AVENUE	642	0.25	(1)	0.3	0.7	1.0	0.3	0.5	0.6	0.6
90123C	100 ST. & 102 AVENUE	336	0.14	0.2	0.4	0.7	1.3	0.2	0.2	0.3	0.4
90130C	10255 - 104TH STREET	672	0.32	(1)	0.3	0.6	1.0	0.3	0.6	1.5	1.5
90216R	CALGARY, ALTA. GLENMORE TRAIL & 18 ST.	336	0.15	0.2	0.5	0.6	0.9	0.2	0.3	0.4	0.4
90218I	BONNY BRK & 18A ST. S.E.	649	0.27	(1)	0.3	0.8	1.2	0.3	0.5	0.7	0.7
90219C	620-7TH AVENUE, S.W.	672	0.24	(1)	0.3	0.6	1.2	0.3	0.4	0.5	0.5
90222R	39 ST. & 29 AVE. N.W.	672	0.15	(1)	0.2	0.5	0.7	0.2	0.3	0.3	0.4
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	239	0.17	0.3	0.5	0.7	0.7	0.2	0.3	0.3	0.3
00106R	2294 WEST 10TH AVENUE	309	0.41	0.5	1.1	1.5	2.0	0.5	0.9	1.1	1.1
00108I	250 WEST 70TH AVENUE	336	0.64	0.8	1.7	2.3	2.9	0.8	1.3	1.6	1.6
00109C	970 BURRARD	43	----	0.5	1.0	1.4	1.4	0.5	0.6	0.6	0.6
00110R	E. HASTINGS & KENSINGTON	336	0.41	0.5	1.0	1.4	2.0	0.5	0.7	0.9	0.9
00111I	ROCKY PT. PARK	91	----	0.5	0.9	1.1	1.1	0.5	0.6	0.6	0.6
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	118	----	0.4	0.9	1.3	1.4	0.4	0.6	0.8	0.9
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	336	0.47	0.5	1.2	1.8	5.0	0.5	0.8	1.0	1.0
00302C	1106 COOK ST.	234	0.22	0.2	0.5	1.2	1.8	0.3	0.5	0.5	0.5
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	336	0.22	0.3	0.7	0.9	1.4	0.3	0.5	0.6	0.6

(1) BASED ON 1-HOUR READINGS
DONNEES INITIALES D'UNE HEURE**** CALCULATED MEANS ARE BELOW 0.1
LES MOYENNES SONT INFÉRIEURES 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

FEBRUARY - FEVRIER
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
		6	12	18	24		6	12	18	24	
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	27	16	47	-	30	0.3	0.2	0.6	-	0.4
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	19	24	21	14	20	0.2	0.5	1.0	0.4	0.5
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	39	56	26	68	47	0.2	0.3	0.6	0.3	0.4
30102R	DALHOUSIE UNIVERSITY	27	34	24	50	34	0.2	0.3	0.6	0.3	0.3
30114R	MT ST VINCENT UNIVERSITY	21	33	16	37	27	0.1	0.2	0.2	0.2	0.2
30115I	CFB SHEARWATER	32	35	22	34	31	0.2	0.2	0.4	0.1	0.2
30310C	SYDNEY, N.S. COUNTY JAIL	19	50	30	45	36	-	0.3	0.5	0.4	0.4
30311R	WHITNEY PIER FIRE STN.	36	49	49	90	56	0.2	0.3	0.6	0.6	0.4
40102C	FREDERICTON, N.B. YORK STREET	22	50	35	51	40	0.3	0.4	1.3	0.7	0.7
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	46	85	51	30	53	0.2	0.5	0.6	0.4	0.4
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-
50101R	MONTREAL, QUEBEC PARC JARRY	-	-	-	-	-	-	-	-	-	-
50102R	JARDIN BOTANIQUE	43	131	-	65	80	0.7	1.5	-	1.2	1.1
50103R	POINTE-AUX-TREMBLES	42	75	63	55	59	0.5	1.1	1.0	0.4	0.8
50104C	1125 ONTARIO EST	28	77	126	61	73	-	-	-	-	-
50105C	1212 DRUMMOND	-	65	96	57	73	-	-	-	-	-
50106R	VILLE ST-LAURENT	24	84	111	-	73	0.4	1.6	1.0	-	1.0
50107R	VILLE LASALLE	68	79	69	72	72	0.6	0.5	0.7	1.0	0.7
50108R	1700 BOURASSA, LONGUEUIL	27	79	79	33	55	0.4	1.2	0.9	0.4	0.7
50109C	DUNCAN & DECARIE	66	102	-	51	73	1.2	2.1	-	0.5	1.3
50110C	PARC PILON, MTL.-NORD	-	68	76	48	64	-	1.3	0.7	0.8	0.9
50111C	2900 BOUL. CONCORDE	47	48	43	31	42	0.4	0.4	0.5	0.4	0.4
50112C	BOUL. LAURENTIDES	41	76	85	65	67	0.5	1.4	1.7	0.3	1.0
50113R	PIE X & CARDINAL	18	31	40	17	27	0.2	0.3	0.5	0.2	0.3
50301C	QUEBEC, QUEBEC PARC-AUTOS PAQ.LALIBERTE	40	28	91	-	53	-	-	-	-	-
50302R	PARC BARDY	5	19	76	29	32	-	-	-	-	-
50303I	CENTRE LOISIRS LIMOILLOU	28	85	105	180	100	-	-	-	-	-
0304C	155 DORCHESTER SUD	27	43	110	89	67	-	-	-	-	-
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	17	-	35	-	-	-	-	-	-	-
50403C	WELLINGTON & ALBERT	26	-	51	25	34	-	-	-	-	-
50501C	CHICOUTIMI, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-	-	-	-	-
50502R	USINE DE FILTRATION	-	-	-	-	-	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	30	45	39	47	40	-	-	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-	-	-	-	-	-
51002R	TRACY, QUEBEC GARNEAU & RTE 132	26	75	108	38	62	0.2	0.3	1.0	0.4	0.5
60101C	OTTAWA, ONT. 88 SLATER ST.	57	59	125	43	71	0.2	0.9	2.0	0.5	0.9
60104C	RIDEAU & WURTEMBERG	19	64	118	40	60	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	70	79	91	61	75	0.3	0.5	0.4	0.2	0.3
60202C	CITY HALL	42	89	118	66	79	0.5	0.9	0.8	0.4	0.7
60203R	TECUMSEH WATER WORKS	33	71	66	42	53	0.4	0.7	0.5	0.2	0.4
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	16	32	48	29	31	0.1	0.2	0.3	0.2	0.2
60401C	TORONTO, ONT. 67 COLLEGE STREET	-	103	84	54	80	-	-	0.7	0.9	-
60402R	DON MILLS, SCIENCE CNTR	-	-	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	60	82	130	70	86	-	-	-	1.2	-
60409R	REDLANDS CRESCENT	27	43	78	51	50	0.2	0.2	0.2	0.2	0.2
60410R	LAWRENCE & KENNEDY	92	103	-	49	81	-	-	-	-	-
60411R	PHARMACY & HWY 401	-	71	167	-	-	-	1.0	0.8	-	-
60412R	BATHURST & WILSON	-	-	-	-	-	-	-	-	-	-
60413R	ELMCREST ROAD	-	-	-	-	-	-	-	-	-	-
60501C	HAMILTON, ONT. BARTON & SANFORD	68	130	-	23	74	-	1.5	-	-	-
60503I	CHATHAM & FRID	40	84	169	75	92	0.2	-	0.6	1.1	0.6
60505R	NORTH PARK	118	132	148	63	115	1.2	1.2	1.6	0.6	1.2

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METREFEBRUARY - FEVRIER
1977PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					*----- LEAD / PLOMB -----*				
		----- DAY / JOUR -----				MEAN MOYENNE	*----- DAY / JOUR -----*				MEAN MOYENNE
		6	12	18	24		6	12	18	24	
	SUDBURY, ONT.										
60602R	ASH STREET	-	31	49	23	34	-	-	-	0.4	-
60605C	19 LISGAR STREET	10	27	45	24	27	0.2	0.4	0.7	0.5	0.5
	SAULT STE. MARIE, ONT.										
60704C	445 ALBERT STREET	28	25	34	15	26	0.4	0.3	0.6	0.3	0.4
	THUNDER BAY, ONT.										
60801C	14 ALGOMA STREET	34	18	19	22	23	-	0.3	0.2	0.2	0.2
60806R	435 JAMES S.	22	22	20	17	20	-	-	-	-	-
	LONDON, ONT.										
60901C	KING & RECTORY	20	81	157	49	77	0.4	-	1.3	0.5	0.7
60902C	372 DUNDAS	21	66	118	43	62	0.3	0.8	0.9	0.4	0.6
	SARNIA, ONT.										
61001C	156 VICTORIA STREET	36	116	178	67	99	0.3	1.2	1.0	0.5	0.8
	PETERBOROUGH, ONT.										
61102C	139 GEORGE STREET	-	-	-	-	-	-	-	-	-	-
	CORNWALL, ONT.										
61201R	MEMORIAL PARK	148	64	77	44	83	0.4	1.0	1.4	0.7	0.9
	ST. CATHARINES, ONT.										
61301C	NORTH ST. CITY YARD	36	32	197	47	78	-	-	-	-	-
	BRANTFORD, ONT.										
61401C	DALHOUSIE & QUEEN	25	77	106	45	63	-	-	-	-	-
	KITCHENER, ONT.										
61501C	EDNA & FREDERICK	19	67	89	50	56	-	-	-	-	-
	OAKVILLE, ONT.										
61601R	REBECCA & WOODSIDE	23	55	118	39	59	0.2	0.5	-	-	-
	WINNIPEG, MAN.										
70101C	270 OSBORNE STREET	-	-	-	-	-	-	-	-	-	-
70102R	PORTAGE & WOODLAWN	33	17	34	20	26	0.5	0.1	0.7	0.5	0.4
70104I	UNION STOCK YARDS	39	17	85	24	41	0.3	0.1	0.7	0.2	0.3
70118R	JEFFERSON & SCOTIA	27	13	35	14	22	0.4	0.1	0.7	0.1	0.3
	BRANDON, MAN.										
70201C	11TH ST. & PRINCESS AVE.	27	22	27	80	39	0.4	0.3	0.3	0.1	0.3
	REGINA, SASK.										
80102R	3211 ALBERT STREET	14	13	25	24	19	0.2	0.1	0.8	0.2	0.3
80108C	12TH & SMITH	20	27	37	55	35	0.3	0.3	0.5	0.3	0.4
	SASKATOON, SASK.										
80202C	CITY LIBRARY	101	115	101	-	106	0.6	0.2	0.5	-	0.4
80203R	PORTENAU LODGE	52	45	28	48	43	0.0	0.3	0.1	0.2	0.2
	MOOSE JAW, SASK.										
80301C	TELEPHONE BUILDING	23	50	56	66	49	0.1	0.5	0.1	0.1	0.2
	PRINCE ALBERT, SASK.										
80401C	49-12TH STREET EAST	17	21	25	35	25	0.1	0.5	0.4	0.3	0.3
	EDMONTON, ALTA.										
90103R	146TH ST. & 92ND AVE.	44	58	94	142	85	0.0	0.0	0.4	0.6	0.3
90121I	17 STREET & 105 AVENUE	32	-	-	99	-	0.1	-	-	0.1	-
90122R	127 ST. & 133 AVENUE	53	78	119	150	100	0.1	0.6	0.4	0.5	0.4
90123C	100 ST. & 102 AVENUE	143	130	238	259	193	1.0	0.8	0.9	0.6	0.8
90130C	10255 - 104TH STREET	66	139	236	-	147	0.6	0.6	0.4	-	0.5
	CALGARY, ALTA.										
90203R	407-31 AVENUE, N.W.	69	257	309	125	190	0.1	0.4	1.1	0.3	0.5
90204C	316-7TH AVENUE	139	178	152	113	146	0.4	0.7	0.4	0.5	0.5
90218I	BONNY BRK & 18A ST. S.E.	58	93	107	90	87	0.3	0.3	0.2	0.1	0.2
90222R	39 ST. & 29 AVE. N.W.	36	164	80	65	86	0.2	0.2	0.2	0.2	0.2
	RED DEER, ALTA.										
90301C	4747 50TH STREET	22	38	36	178	69	0.1	0.2	0.2	0.2	0.2
	MEDICINE HAT, ALTA.										
90401C	770 FIRST STREET, S.E.	65	354	139	100	165	0.2	0.3	0.2	0.1	0.2
	LETHBRIDGE, ALTA.										
90501C	13 ST. & 9 AVENUE S.	24	38	62	32	39	0.0	0.0	0.2	0.1	0.1
	YELLOWKNIFE, N.W.T.										
99001C	50TH AVE. & 51ST STREET	16	-	31	-	-	0.1	-	0.1	-	-
	VANCOUVER, B.C.										
00102R	100 RICHMOND STREET	59	47	100	94	75	0.5	0.5	2.0	1.0	1.0
00104R	27TH & ONTARIO	61	27	74	56	55	1.0	0.4	1.5	0.8	0.9
00106R	2294 WEST 10TH AVENUE	55	47	-	78	60	0.8	0.5	-	0.9	0.7
00108I	250 WEST 70TH AVENUE	71	53	94	109	82	0.9	0.5	1.3	1.5	1.1
00109C	970 BURRARD	46	65	104	102	79	0.8	1.0	2.1	1.5	1.4
00110R	E. HASTINGS & KENSINGTON	40	35	48	70	48	0.4	0.6	0.7	0.9	0.6
00111I	ROCKY PT. PARK	-	-	-	86	-	-	-	-	0.8	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

FEBRUARY - FEVRIER
1977

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*--- PARTICULATES / PARTICULES ---*					*----- LEAD / PLOMB -----*				
		----- DAY / JOUR -----				MEAN	*----- DAY / JOUR -----*				MEAN
		6	12	18	24	MOYENNE	6	12	18	24	MOYENNE
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	-	-	177	81	-	-	-	0.7	1.5	-
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	48	-	48	102	66	0.7	-	0.9	0.9	0.8
00302C	1106 COOK ST.	58	39	57	80	59	2.7	0.4	0.7	1.1	1.2
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	16	13	14	64	27	0.1	0.2	0.1	0.4	0.2

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*			
		6	12	18	24
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	1	2	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	1	1	1	0
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	1	0	-
30115I	CFB SHEARWATER	1	-	-	0
30310C	SYDNEY, N.S. COUNTY JAIL	0	0	0	0
30311R	WHITNEY PIER FIRE STN.	0	-	6	-
50101R	MONTREAL, QUEBEC PARC JARRY	-	-	-	-
50102R	JARDIN BOTANIQUE	2	10	-	5
50103R	POINTE-AUX-TREMBLES	5	3	-	1
50104C	1125 ONTARIO EST	3	-	18	4
50105C	1212 DRUMMOND	-	11	18	-
50106R	VILLE ST-LAURENT	0	0	1	-
50107R	VILLE LASALLE	0	0	1	1
50109C	DUNCAN & DECARIE	1	5	-	2
50110C	PARC PILON, MTL.-NORD	-	-	9	3
50111C	2900 BOUL. CONCORDE	1	3	3	1
50112C	BOUL. LAURENTIDES	0	6	5	3
50113R	PIE X & CARDINAL	1	2	-	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	1	18	11	12
50304C	155 DORCHESTER SUD	1	5	9	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	0	2	1	2
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	9	-	12	0
60104C	RIDEAU & WURTEMBERG	-	2	11	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	7	-	5	2
60401C	TORONTO, ONT. 67 COLLEGE STREET	-	7	8	4
60402R	DON MILLS, SCIENCE CNTR	-	-	-	-
60403I	EVANS & ARNOLD	1	2	23	-
60409R	REDLANDS CRESCENT	1	2	10	1
60410R	LAWRENCE & KENNEDY	3	6	-	1
60411R	PHARMACY & HWY 401	-	3	27	-
60412R	BATHURST & WILSON	-	-	-	-
60413R	ELMCREST ROAD	-	-	-	-
60501C	HAMILTON, ONT. BARTON & SANFORD	3	9	-	2
60505R	NORTH PARK	4	4	23	2
60602R	SUDBURY, ONT. ASH STREET	-	1	2	1
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	1	2	1	1
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	1	3	14	0
61001C	SARNIA, ONT. 156 VICTORIA STREET	1	6	37	7
61201R	CORNWALL, ONT. MEMORIAL PARK	10	3	6	3
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	0	1	-	-
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	0	3	10	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	4	8	2

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

FEBRUARY - FEVRIER
1977

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*			
		6	12	18	24
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	0	1	8	0
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	-	-	-	-
70102R	PORTAGE & WOODLAWN	0	-	0	-
70104I	UNION STOCK YARDS	-	-	1	0
70118R	JEFFERSON & SCOTIA	0	0	0	0
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	0	0	0	0
80108C	REGINA, SASK. 12TH & SMITH	-	-	-	-
80202C	SASKATOON, SASK. CITY LIBRARY	0	0	0	-
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	0	0	0	0
80401C	PRINCE ALBERT, SASK. 49-12TH STREET EAST	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	-	-	1
90122R	127 ST. & 133 AVENUE	0	-	0	0
90130C	10255 - 104TH STREET	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
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	2	0	-	-
00108I	250 WEST 70TH AVENUE	-	-	-	-
00109C	970 BURRARD	2	1	-	-
00110R	E. HASTINGS & KENSINGTON	1	1	1	2
00111I	ROCKY PT. PARK	-	-	-	-
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	-	-	-	-
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	0	-	0	1
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	-	-	-	0

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

FEBRUARY - FEVRIER
1977

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIERES	SO3
SYDNEY, N.S.			
30301R	MURPHY ROAD	2.9	0.3 **
30309I	PT EDWARD, RICHMOND PLST	13.6	0.2 **
30310C	COUNTY JAIL	4.4	0.6 **
30311R	WHITNEY PIER FIRE STN.	-	- **
GLACE BAY, N.S.			
30401R	LAKE ROAD	13.4	0.9 **
30405C	GENERAL HOSPITAL	5.4	0.9 **
30406R	PUMPING STATION ROAD	4.1	0.3 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	6.0	2.1 *
50102R	JARDIN BOTANIQUE	9.0	1.2 *
50103R	POINTE-AUX-TREMBLES	5.0	- *
50106R	VILLE ST-LAURENT	5.0	1.8 *
50107R	VILLE LASALLE	5.0	2.3 *
OTTAWA, ONT.			
60101C	88 SLATER ST.	6.8	-
60102R	EXPERIMENTAL FARM	1.0	-
60103C	GILMOUR STREET	2.6	-
WINDSOR, ONT.			
60201I	MORTON TERMINAL DOCK	9.8	-
60202C	CITY HALL	8.7	-
60203R	TECUMSEH WATER WORKS	5.7	-
60209R	E. C. ROWE & JEFFERSON	3.9	-
TORONTO, ONT.			
60401C	67 COLLEGE STREET	3.7	0.9 *
60403I	EVANS & ARNOLD	3.8	0.9 *
60404R	5126 YONGE STREET	2.5	0.6 *
60405I	JOHN STREET PUMP STATION	9.0	1.0 *
60406R	ROSEHILL RESERVOIR	3.1	1.1 *
60408C	DANFORTH & ROBINSON	6.9	1.1 *
HAMILTON, ONT.			
60501C	BARTON & SANFORD	9.7	- *
60502I	BURLINGTON & GAGE	17.7	1.0 *
60503I	CHATHAM & FRID	10.9	1.0 *
60507C	HUGHSON & HUNTER	7.0	0.8 *
60510I	STRATHEARN	22.5	1.4 *
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	2.6	0.3 *
60703I	BAYVIEW & YOUNG	8.3	0.3 *
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	1.7	0.2 *
60802I	185 GORE STREET	-	0.1 *
60805C	521 MEMORIAL AVENUE	-	0.1 *
LONDON, ONT.			
60901C	KING & RECTORY	3.2	0.6 *
SARNIA, ONT.			
61001C	156 VICTORIA STREET	5.9	1.2 *
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	2.7	0.0 **
70110C	KENNEDY & ST. MARY'S	4.7	-
70113I	WINDERMERE & ROCKMAN	2.3	0.1 **
70115C	PORTAGE & MINTO	10.4	0.1 **
70116I	SMITH & KING	8.4	- **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	4.1	0.1 **
90126R	77 AVENUE & 85 STREET	3.2	0.1 **
90127I	115 AVENUE & 159 STREET	4.7	0.1 **
90128R	99 AVENUE & 160 STREET	1.2	0.1 **
90129I	101 AVENUE & 17 STREET	-	- **
CALGARY, ALTA.			
90219C	520-7TH AVENUE, S.W.	8.7	0.2 **
90221R	DALHOUSIE DR & DALHAM DR	7.6	0.1 **
90223C	11 ST. & 38 AVE. S.E.	5.0	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	5.1	0.1 **
90225R	PALLISER DR & OAKWOOD SW	7.2	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	1.8	0.1 **

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

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