



Fisheries and Environment
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Pêches et Environnement
Canada

Service de la
protection de
l'environnement

Monthly Summary April 1978

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National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

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Surveillance Report
EPS 5-AP-78-17

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-78-17

Direction générale de
l'assainissement de l'air

TD
890
C325
78-17

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONAPRIL - AVRIL
1978DIOXYDE 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	552	***	1	3	3	6	1	2	2	2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	606	***	1	2	3	4	1	1	2	2
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	567	***	0	2	3	5	0	1	1	1
30115I	CFB SHEARWATER	441	1.1	1	5	10	18	2	2	3	3
30116C	BARRINGTON & DUKE	641	1.3	2	3	5	7	2	2	3	3
30310C	SYDNEY, N.S. COUNTY JAIL	660	***	1	2	3	4	1	1	1	1
30311R	WHITNEY PIER FIRE STN.	572	***	1	4	11	16	1	4	8	8
30408R	GLACE BAY, N.S. SOUTH STREET	518	***	0	3	14	38	0	4	6	6
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-
50101R	MONTREAL, QUEBEC PARC JARRY	592	1.0	1	4	7	9	1	3	4	4
50102R	JARDIN BOTANIQUE	661	***	1	2	5	7	1	2	2	2
50103R	POINTE-AUX-TREMBLES	467	1.7	2	7	11	13	2	5	7	7
50104C	1125 ONTARIO EST	720	1.9	2	5	7	11	2	3	4	4
50105C	1212 DRUMMOND	634	2.3	3	5	7	17	3	4	5	5
50106R	VILLE ST-LAURENT	651	***	0	1	2	3	0	1	1	1
50107R	VILLE LASALLE	556	***	1	3	5	6	1	2	3	3
50109C	DUNCAN & DECARIE	657	1.6	2	4	7	10	2	3	4	4
50110C	PARC PILON, MTL.-NORD	632	***	1	3	6	12	1	3	3	3
50111C	2900 BOUL. CONCORDE	515	***	1	3	4	4	1	2	3	3
50112C	BOUL. LAURENTIDES	660	***	0	1	2	2	0	1	1	1
50113R	PIE X & CARDINAL	656	***	1	2	2	4	1	1	2	2
50115C	PEEL & MAISONNEUVE	715	2.3	2	5	10	14	3	4	5	5
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	603	***	1	2	2	3	1	1	2	2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	---	-	-	-	-	-	-	-	-
50304C	155 DORCHESTER SUD	0	---	-	-	-	-	-	-	-	-
50305R	MYRAND & ST-CYRILLE	0	---	-	-	-	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	663	2.3	1	15	25	40	3	10	13	14
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	---	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	660	2.5	3	7	16	28	3	5	9	9
50901R	ARVIDA, QUEBEC POWELL & HOOPES	0	---	-	-	-	-	-	-	-	-
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	656	***	1	2	4	15	1	2	3	3
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	532	3.2	3	11	22	36	4	6	10	10
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	0	---	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	626	1.3	2	4	7	19	2	3	5	5
60104C	RIDEAU & WURTEMBERG	623	1.4	2	4	6	7	2	4	5	5
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	715	1.5	2	4	6	9	2	3	3	3
60204C	471 UNIVERSITY AVENUE	683	1.8	2	5	9	12	2	4	5	6
60211R	COLLEGE & PRINCE	678	1.1	1	4	6	10	1	3	3	3
60302R	KINGSTON, ONT. NAPIER STREET	713	***	0	1	2	3	0	1	1	1
60401C	TORONTO, ONT. 67 COLLEGE STREET	661	***	1	2	4	6	1	2	2	2
60402R	DON MILLS, SCIENCE CNTR	674	***	1	2	3	15	1	1	2	2
60403I	EVANS & ARNOLD	677	***	1	2	3	6	1	2	2	2
60409R	REDLANDS CRESCENT	698	***	1	2	3	8	1	2	2	2
60410R	LAWRENCE & KENNEDY	638	***	0	1	2	4	0	1	1	1
60411R	PHARMACY & HWY 401	637	1.4	1	6	10	10	1	4	7	9

*** 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 MILLIONAPRIL - AVRIL
1978DIOXYDE 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
60412R	BATHURST & WILSON	638	***	1	2	4	12	1	1	2	2
60413R	ELMCREST ROAD	686	***	1	2	3	5	1	1	2	2
60414I	SHERBOURNE & WILTON ST.	674	***	1	2	3	4	1	1	2	2
HAMILTON, ONT.											
60501C	BARTON & SANFORD	683	2.4	3	7	9	12	3	6	6	7
60505R	NORTH PARK	677	***	1	3	7	11	1	3	5	6
SUDBURY, ONT.											
60602R	ASH STREET	681	***	0	4	8	17	1	2	4	4
60606C	KENNEDY STREET	609	1.1	1	3	10	24	1	3	4	4
THUNDER BAY, ONT.											
60806R	435 JAMES S.	705	***	0	1	6	15	0	1	2	2
LONDON, ONT.											
60901C	KING & RECTORY	633	***	1	2	3	5	1	2	2	2
SARNIA, ONT.											
61001C	156 VICTORIA STREET	684	***	1	2	7	23	1	2	4	4
PETERBOROUGH, ONT.											
61103C	500 GEORGE STREET	718	***	0	1	1	2	0	0	1	1
CORNWALL, ONT.											
61201R	MEMORIAL PARK	710	1.5	1	6	10	16	2	4	6	6
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	642	***	0	1	3	4	0	1	1	1
BRANTFORD, ONT.											
61401C	DALHOUSIE & QUEEN	574	***	0	2	2	3	0	1	1	1
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	718	***	0	2	3	5	1	1	1	2
OAKVILLE, ONT.											
61601R	REBECCA & WOODSIDE	715	***	1	2	4	10	1	2	2	3
WINNIPEG, MAN.											
70102R	PORTAGE & WOODLAWN	592	***	0	1	1	2	0	0	0	1
70104I	UNION STOCK YARDS	662	***	0	1	2	11	0	1	1	1
70118R	JEFFERSON & SCOTIA	515	***	0	1	2	3	0	1	1	1
70119C	65 ELLEN STREET	461	***	1	3	4	4	1	2	2	2
BRANDON, MAN.											
70202R	12TH STREET & HILL AVE.	509	***	0	0	1	1	0	0	0	1
REGINA, SASK.											
80108C	12TH AVE. & SMITH ST.	699	***	0	0	0	1	0	0	0	0
SASKATOON, SASK.											
80202C	4TH AVE. & 23RD ST.	177	---	0	0	0	0	0	0	0	0
MOOSE JAW, SASK.											
80301C	FAIRFORD ST. & 1ST AVE.	666	***	0	1	2	3	0	1	1	1
PRINCE ALBERT, SASK.											
80401C	1257-1ST AVE. EAST	552	***	0	0	0	0	0	0	0	0
EDMONTON, ALTA.											
90121I	17 STREET & 105 AVENUE	603	***	0	1	12	15	0	1	6	8
90122R	127 ST. & 133 AVENUE	660	***	0	0	0	0	0	0	0	0
90130C	10255 - 104TH STREET	634	***	0	0	0	2	0	0	0	0
CALGARY, ALTA.											
90218I	BONNY BRK & 18A ST. S.E.	647	***	0	0	0	0	0	0	0	0
90219C	620-7TH AVENUE, S.W.	648	***	0	0	0	0	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	658	***	0	0	0	0	0	0	0	0
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	719	***	1	2	3	4	1	1	2	2
00108I	250 WEST 70TH AVENUE	278	---	0	1	2	3	0	1	1	1
00109C	970 BURRARD	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	720	***	1	4	9	23	1	2	7	7
00111I	ROCKY PT. PARK	275	---	0	1	2	3	0	0	1	1
PRINCE GEORGE, B.C.											
00201C	1306-7TH AVENUE	0	---	-	-	-	-	-	-	-	-
VICTORIA, B.C.											
00301C	625 FISGUARD ST.	349	---	1	1	2	3	1	1	1	1

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

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

78 - 51

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLION

APRIL - AVRIL
1978

DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES		MEANS ----- MOYENNES		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	529	***	0	1	1	2	0	1	1	1

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

CARBON MONOXIDE
PARTS PER MILLIONAPRIL - AVRIL
1978MONOXYDE 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				CENTILES - DISTRIBUTIONS DES FREQUENCES				CENTILES - DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS				MEANS			
				1-HOUR / HEURE				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	494	***	0	1	1	1	0	0	1	1	0	0	0	0
	BARRINGTON & DUKE	710	1.2	2	4	5	7	2	3	3	4	2	2	2	2
50103R	MONTREAL, QUEBEC														
50104C	POINTE-AUX-TREMBLES	503	0.8	1	2	2	3	1	1	2	2	1	1	1	1
50109C	1125 ONTARIO EST	598	1.8	2	4	5	6	2	4	4	5	2	3	4	4
50110C	DUNCAN & DECARIE	714	2.5	3	6	8	12	3	5	7	8	3	4	5	5
50111C	PARC PILON, MTL.-NORD	0	---	---	---	---	---	---	---	---	---	---	---	---	---
50112C	2900 BOUL. CONCORDE	607	0.9	1	2	3	4	1	2	2	3	1	1	2	2
50113R	BOUL. LAURENTIDES	702	0.5	1	2	4	6	1	2	2	3	1	1	2	2
50114C	PIE X & CARDINAL	708	0.6	1	2	4	5	1	2	3	4	1	1	2	2
50115C	677 STE-CATHERINE O.	720	3.3	4	7	8	8	4	6	7	7	4	5	6	6
	PEEL & MAISONNEUVE	716	3.0	4	7	8	12	4	6	7	7	3	4	5	5
50203R	HULL, QUEBEC														
	GAMBLIN & JOFFRE	677	***	1	1	2	2	1	1	1	1	1	1	1	1
50304C	QUEBEC, QUEBEC														
	155 DORCHESTER SUD	0	---	---	---	---	---	---	---	---	---	---	---	---	---
60101C	OTTAWA, ONT.														
60104C	88 SLATER ST.	584	1.9	2	5	7	13	3	4	5	5	2	3	3	3
	RIDEAU & WURTEMBERG	715	***	1	1	2	3	1	1	1	2	1	1	1	1
60204C	WINDSOR, ONT.														
	471 UNIVERSITY AVENUE	687	1.9	2	3	4	5	2	3	3	3	2	2	3	3
60401C	TORONTO, ONT.														
60402R	67 COLLEGE STREET	716	3.0	4	6	9	11	4	6	7	8	4	5	5	6
60403I	DON MILLS, SCIENCE CNTR	713	1.5	2	3	3	5	2	3	3	3	2	2	2	2
60410R	EVANS & ARNOLD	710	2.2	2	3	4	5	2	3	4	4	2	3	3	3
60411R	LAWRENCE & KENNEDY	525	1.5	2	4	5	7	2	3	4	5	2	2	3	3
60412R	PHARMACY & HWY 401	656	1.9	2	4	5	6	2	3	4	4	2	3	3	3
60413R	BATHURST & WILSON	717	2.5	3	4	6	10	3	4	5	7	3	4	4	4
60414I	ELMCREST ROAD	713	1.1	1	2	4	6	1	2	3	3	1	2	2	2
	SHERBOURNE & WILTON ST.	712	1.3	1	3	4	5	1	2	3	4	1	2	2	2
60501C	HAMILTON, ONT.														
	BARTON & SANFORD	674	1.0	1	3	4	7	1	2	3	4	1	2	2	2
60602R	SUDBURY, ONT.														
	ASH STREET	714	***	0	1	2	6	0	1	1	2	0	1	1	1
60901C	LONDON, ONT.														
	KING & RECTORY	709	0.6	1	2	3	5	1	2	2	3	1	1	2	2
61001C	SARNIA, ONT.														
	156 VICTORIA STREET	715	1.1	1	2	4	6	1	2	3	4	1	2	2	2
61201R	CORNWALL, ONT.														
	MEMORIAL PARK	683	***	1	1	2	3	1	1	2	2	1	1	1	1
61301C	ST. CATHARINES, ONT.														
	NORTH ST. & GENEVA ST.	710	0.8	1	2	4	5	1	2	3	3	1	2	2	2
61501C	KITCHENER, ONT.														
	EDNA & FREDERICK	716	1.4	2	3	4	6	2	3	3	4	2	2	3	3
61601R	OAKVILLE, ONT.														
	REBECCA & WOODSIDE	662	1.4	2	2	3	5	2	2	2	3	2	2	2	2
70102R	WINNIPEG, MAN.														
70118R	PORTAGE & WOODLAWN	365	1.0	1	3	3	3	1	2	2	3	1	2	2	2
70119C	JEFFERSON & SCOTIA	669	0.6	1	2	5	6	1	2	3	3	1	1	2	2
	65 ELLEN STREET	615	1.1	2	3	3	6	1	2	3	3	1	2	2	2
80108C	REGINA, SASK.														
	12TH AVE. & SMITH ST.	716	0.5	1	2	3	6	1	1	2	3	1	1	1	1
80202C	SASKATOON, SASK.														
	4TH AVE. & 23RD ST.	720	***	0	1	2	4	0	1	1	1	0	1	1	1
90121I	EDMONTON, ALTA.														
90122R	17 STREET & 105 AVENUE	707	***	0	1	2	2	0	1	1	1	0	1	1	1
90130C	127 ST. & 133 AVENUE	668	0.6	1	3	5	6	1	2	3	3	1	2	2	3
	10255 - 104TH STREET	709	1.5	2	4	5	7	2	3	4	4	2	3	3	3
90219C	CALGARY, ALTA.														
90222R	620-7TH AVENUE, S.W.	715	2.3	3	6	8	12	3	4	5	7	3	4	4	5
	39 ST. & 29 AVE. N.W.	720	1.0	1	2	5	7	1	2	3	3	1	1	2	2

*** 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.

MONOXYDE DE CARBONE
PARTIES PAR MILLION

[illegible]

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLIONAPRIL - AVRIL
1978DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	496	***	1	2	3	4	1	1	2	2
	BARRINGTON & DUKE	707	3.3	4	6	6	7	4	5	5	5
50102R	MONTREAL, QUEBEC										
50104C	JARDIN BOTANIQUE	703	3.7	4	6	8	9	4	5	6	6
50109C	1125 ONTARIO EST	0	---	-	-	-	-	-	-	-	-
50110C	DUNCAN & DECARIE	607	3.8	4	6	7	12	4	5	6	6
50111C	PARC PILON, MTL.-NORD	640	3.5	4	5	7	7	4	5	5	5
50112C	2900 BOUL. CONCORDE	542	2.7	3	5	6	7	3	4	4	4
50113R	BOUL. LAURENTIDES	705	2.4	3	4	5	6	3	4	4	4
50115C	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
	PEEL & MAISONNEUVE	708	3.1	3	4	5	7	3	4	4	4
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	702	1.2	2	4	4	6	2	3	3	3
50304C	QUEBEC, QUEBEC										
	155 DORCHESTER SUD	0	---	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	700	3.3	4	5	6	8	4	4	4	4
	RIDEAU & WURTEMBERG	703	1.8	2	4	6	6	2	3	4	4
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	694	4.0	5	6	7	8	4	6	6	6
60401C	TORONTO, ONT.										
60402R	67 COLLEGE STREET	701	2.9	3	5	6	6	3	4	5	5
60403I	DON MILLS, SCIENCE CNTR	714	1.8	2	3	4	5	2	3	3	3
60410R	EVANS & ARNOLD	711	3.9	4	6	6	8	4	5	5	5
60411R	LAWRENCE & KENNEDY	712	2.7	3	5	7	8	3	4	5	5
60412R	PHARMACY & HWY 401	654	3.2	4	5	5	6	4	4	4	5
60413R	BATHURST & WILSON	715	2.8	4	6	7	8	4	5	5	5
60414I	ELMCREST ROAD	719	2.2	3	4	5	6	3	4	4	4
	SHERBOURNE & WILTON ST.	667	2.9	3	5	5	6	3	4	4	4
60501C	HAMILTON, ONT.										
60505R	BARTON & SANFORD	711	4.3	6	8	8	9	5	7	7	8
	NORTH PARK	155	---	4	6	7	7	3	5	5	5
60602R	SUDBURY, ONT.										
	ASH STREET	549	1.0	1	3	4	4	1	2	2	2
60901C	LONDON, ONT.										
	KING & RECTORY	711	3.0	4	6	7	8	4	5	5	5
61001C	SARNIA, ONT.										
	156 VICTORIA STREET	55	---	3	6	6	6	3	5	5	5
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	717	1.4	2	4	6	20	2	3	5	5
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	610	2.2	3	4	5	6	3	3	4	4
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	708	3.5	5	6	7	8	5	5	6	6
61601R	OAKVILLE, ONT.										
	REBECCA & WOODSIDE	652	2.0	2	4	6	8	2	3	3	3
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	695	1.7	2	4	6	7	2	3	3	3
	65 ELLEN STREET	656	3.7	5	8	9	10	5	7	7	7
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	720	1.6	2	4	4	5	2	3	3	3
	10255 - 104TH STREET	718	4.0	5	6	6	7	4	5	6	6
90219C	CALGARY, ALTA.										
90222R	620-7TH AVENUE, S.W.	695	4.7	5	8	9	10	5	7	8	8
	39 ST. & 29 AVE. N.W.	717	3.1	4	6	7	8	4	5	6	6
00106R	VANCOUVER, B.C.										
00108I	2294 WEST 10TH AVENUE	387	2.7	3	4	5	6	3	4	4	4
00109C	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	970 BURRARD	0	---	-	-	-	-	-	-	-	-
00111I	E. HASTINGS & KENSINGTON	622	2.6	3	5	8	10	3	4	5	6
	ROCKY PT. PARK	720	1.6	2	4	5	8	2	3	3	3
00302C	VICTORIA, B.C.										
	1106 COOK ST.	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 MILLIONAPRIL - AVRIL
1978OZONE
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			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	354	---	4	5	6	7	4	5	5	5
	BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	716	1.8	3	5	6	6	2	3	4	4
50104C	POINTE-AUX-TREMBLES	292	---	3	5	6	8	3	4	4	4
50109C	1125 ONTARIO EST	661	0.9	1	3	4	5	1	2	2	2
50110C	DUNCAN & DECARIE	65	---	3	5	5	5	3	4	4	4
50111C	PARC PILON, MTL.-NORD	311	---	5	8	8	12	5	6	6	7
50112C	2900 BOUL. CONCORDE	603	3.0	4	6	8	10	4	5	5	5
50113R	BOUL. LAURENTIDES	709	2.3	3	5	6	7	3	4	5	5
50113R	PIE X & CARDINAL	709	3.8	5	8	8	10	4	5	6	6
50115C	PEEL & MAISONNEUVE	694	0.6	1	2	2	3	1	1	1	2
50304C	QUEBEC, QUEBEC										
	155 DORCHESTER SUD	714	1.5	2	5	6	7	2	4	5	5
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	718	1.9	3	4	4	4	2	3	3	3
	RIDEAU & WURTEMBURG	571	2.8	4	5	5	5	3	4	4	4
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	707	2.3	3	5	6	6	3	3	4	4
60401C	TORONTO, ONT.										
60402R	67 COLLEGE STREET	712	1.9	3	4	4	4	2	3	3	3
60403I	DON MILLS, SCIENCE CNTR	715	1.4	2	3	4	4	2	2	2	3
60410R	EVANS & ARNOLD	709	1.2	2	3	4	5	1	2	3	3
60413R	LAWRENCE & KENNEDY	714	2.1	3	4	5	6	2	3	4	5
60414I	ELMCREST ROAD	718	2.0	3	4	5	5	2	3	3	3
	SHERBOURNE & WILTON ST.	714	1.4	2	3	3	4	2	2	3	3
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	119	---	2	3	4	4	2	3	3	3
60602R	SUDEBURY, ONT.										
	ASH STREET	709	2.0	2	3	3	3	2	2	2	3
60901C	LONDON, ONT.										
	KING & RECTORY	710	2.3	3	4	5	6	3	3	4	4
61001C	SARNIA, ONT.										
	156 VICTORIA STREET	708	2.3	3	4	4	5	3	3	3	4
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	712	2.7	3	6	6	7	3	4	4	4
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	713	2.3	3	5	5	6	2	4	4	5
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	716	2.7	4	5	6	7	3	4	4	4
61601R	OAKVILLE, ONT.										
	REBECCA & WOODSIDE	669	2.6	4	5	5	6	3	4	4	4
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	207	---	3	4	4	4	3	3	4	4
	65 ELLEN STREET	675	2.0	3	4	5	5	2	3	3	3
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	660	2.4	3	4	5	5	3	3	4	4
	10255 - 104TH STREET	720	1.4	2	3	3	4	2	2	3	3
90219C	CALGARY, ALTA.										
90222R	620-7TH AVENUE, S.W.	716	1.0	1	3	4	4	1	2	3	3
	39 ST. & 29 AVE. N.W.	554	2.3	3	4	5	5	3	4	4	4
00106R	VANCOUVER, B.C.										
00108I	2294 WEST 10TH AVENUE	674	1.4	2	4	4	6	2	3	4	4
00109C	250 WEST 70TH AVENUE	616	1.7	3	4	5	6	2	3	3	3
00110R	970 BURRARD	673	1.3	2	4	5	6	2	3	4	4
00111I	E. HASTINGS & KENSINGTON	720	2.5	3	5	6	6	3	4	4	4
	ROCKY PT. PARK	720	1.6	2	4	5	6	2	3	3	3
00302C	VICTORIA, B.C.										
	1106 COOK ST.	0	---	-	-	-	-	-	-	-	-

--- 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.APRIL - AVRIL
1978INDICE DE SOILLURE
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	250	****	0.1	0.1	0.2	0.4	0.1	0.1	0.1	0.1
30115I	CFB SHEARWATER	249	****	0.1	0.2	0.3	0.4	0.1	0.1	0.1	0.1
30116C	BARRINGTON & DUKE	346	0.11	0.1	0.3	0.5	0.7	0.1	0.3	0.3	0.4
SYDNEY, N.S.											
30310C	COUNTY JAIL	359	0.10	0.1	0.4	0.8	1.0	0.1	0.4	0.6	0.7
30311R	WHITNEY PIER FIRE STN.	359	0.12	0.1	0.5	1.0	1.8	0.1	0.3	0.6	0.6
GLACE BAY, N.S.											
30408R	SOUTH STREET	359	****	0.0	0.1	0.2	0.3	0.0	0.1	0.1	0.1
SAINT JOHN, N.B.											
40202C	POST OFFICE	0	----	-	-	-	-	-	-	-	-
MONTREAL, QUEBEC											
50101R	PARC JARRY	353	0.16	0.2	0.4	0.5	0.6	0.2	0.3	0.3	0.3
50102R	JARDIN BOTANIQUE	357	0.30	0.4	0.6	1.0	1.2	0.3	0.5	0.5	0.5
50103R	POINTE-AUX-TREMBLES	232	0.22	0.3	0.5	0.7	0.7	0.3	0.4	0.4	0.4
50104C	1125 ONTARIO EST	345	0.28	0.3	0.6	0.8	0.9	0.3	0.5	0.6	0.6
50105C	1212 DRUMMOND	281	0.16	0.2	0.4	0.6	0.6	0.2	0.3	0.3	0.3
50106R	VILLE ST-LAURENT	358	0.17	0.2	0.5	0.8	1.0	0.2	0.4	0.6	0.6
50107R	VILLE LASALLE	357	0.26	0.3	0.6	1.0	1.7	0.3	0.5	0.6	0.6
50109C	DUNCAN & DECARIE	357	0.36	0.4	0.8	1.0	1.2	0.4	0.6	0.7	0.7
50110C	PARC PILON, MTL.-NORD	345	0.33	0.4	1.0	1.4	1.6	0.4	0.7	0.9	1.0
50111C	2900 BOUL. CONCORDE	293	0.16	0.2	0.4	0.7	0.8	0.2	0.3	0.4	0.5
50112C	BOUL. LAURENTIDES	356	0.20	0.2	0.6	0.8	0.9	0.2	0.4	0.5	0.5
50113R	PIE X & CARDINAL	343	0.21	0.2	0.6	0.9	1.4	0.2	0.4	0.6	0.6
50115C	PEEL & MAISONNEUVE	328	0.33	0.4	0.7	1.1	1.3	0.4	0.6	0.7	0.7
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	291	0.18	0.2	0.5	0.8	1.5	0.2	0.3	0.4	0.4
QUEBEC, QUEBEC											
50303I	CENTRE LOISIRS LIMOILLOU	324	0.14	0.2	0.7	1.1	1.6	0.2	0.4	0.4	0.5
50304C	155 DORCHESTER SUD	0	----	-	-	-	-	-	-	-	-
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	360	0.30	0.3	1.1	1.4	1.7	0.4	0.6	0.7	0.7
TRACY, QUEBEC											
51001R	3225 AVE COURSHESNE	360	0.25	0.3	0.6	1.0	2.2	0.3	0.5	0.6	0.6
THETFORD MINES, QUEBEC											
51101C	BOUL. STE-MARTHE	332	0.13	0.1	0.4	0.7	0.7	0.2	0.3	0.4	0.4
SHAMINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	348	****	0.1	0.3	0.5	0.7	0.1	0.2	0.3	0.3
OTTAWA, ONT.											
60101C	88 SLATER ST.	91	----	0.4	0.7	0.9	0.9	0.3	0.4	0.4	0.4
60102R	EXPERIMENTAL FARM	360	0.12	0.2	0.4	0.5	0.8	0.1	0.2	0.2	0.2
60103C	GILMOUR STREET	358	0.20	0.3	0.7	1.0	1.3	0.2	0.4	0.5	0.6
60104C	RIDEAU & WURTEMBERG	360	0.16	0.2	0.4	0.5	1.1	0.2	0.2	0.3	0.3
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	678	(1) 0.40	0.5	1.0	1.2	1.6	0.5	0.7	0.7	0.8
60211R	COLLEGE & PRINCE	675	(1) 0.34	0.4	0.9	1.2	1.3	0.4	0.6	0.8	0.8
KINGSTON, ONT.											
60302R	NAPIER STREET	359	0.13	0.2	0.4	0.7	1.1	0.2	0.3	0.3	0.3
TORONTO, ONT.											
60401C	67 COLLEGE STREET	667	(1) 0.33	0.4	0.8	2.6	3.0	0.4	0.7	1.2	1.2
60402R	DON MILLS, SCIENCE CNTR	677	(1) 0.20	0.3	0.5	0.8	1.1	0.3	0.4	0.4	0.5
60403I	EVANS & ARNOLD	666	(1) 0.35	0.4	0.9	1.3	1.5	0.4	0.6	0.8	0.8
60409R	REDLANDS CRESCENT	359	0.11	0.2	0.3	0.5	0.9	0.1	0.2	0.3	0.3
60410R	LAWRENCE & KENNEDY	629	(1) 0.28	0.3	0.8	1.1	2.1	0.3	0.5	0.6	0.6
60411R	PHARMACY & HWY 401	642	(1) 0.37	0.5	0.9	1.3	1.9	0.5	0.7	0.8	0.8
60412R	BATHURST & WILSON	677	(1) 0.35	0.4	0.9	1.5	1.9	0.5	0.7	1.0	1.0
60413R	ELMCREST ROAD	359	0.12	0.2	0.4	0.7	0.9	0.1	0.3	0.4	0.4
60414I	SHERBOURNE & WILTON ST.	672	(1) 0.51	0.6	1.2	1.7	3.6	0.6	0.9	1.0	1.0
HAMILTON, ONT.											
60501C	BARTON & SANFORD	678	(1) 0.50	0.7	1.3	1.5	2.7	0.7	1.0	1.1	1.2
60505R	NORTH PARK	674	(1) 0.44	0.5	1.2	1.9	3.3	0.6	1.1	1.2	1.3
SUDBURY, ONT.											
60602R	ASH STREET	678	(1) ****	0.1	0.3	0.4	0.6	0.1	0.2	0.3	0.3

(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.

SOILING INDEX
 COH UNITS PER 1000 LINEAR FT.

APRIL - AVRIL
 1978

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
60806R	THUNDER BAY, ONT. 435 JAMES S.	315	0.13	0.2	0.5	0.5	0.7	0.2	0.3	0.3	0.3
60901C	LONDON, ONT. KING & RECTORY	672	(1) 0.21	0.3	0.5	0.8	0.9	0.3	0.4	0.5	0.6
60902C	372 DUNDAS	360	0.17	0.2	0.6	0.9	1.1	0.2	0.3	0.4	0.4
61001C	SARNIA, ONT. 156 VICTORIA STREET	669	(1) 0.30	0.4	0.8	1.2	1.5	0.4	0.6	0.7	0.7
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	359	0.17	0.2	0.7	0.9	1.3	0.2	0.3	0.4	0.4
61201R	CORNWALL, ONT. MEMORIAL PARK	359	0.19	0.2	0.5	1.1	1.5	0.2	0.5	0.6	0.6
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	360	0.22	0.3	0.6	0.8	1.0	0.3	0.3	0.4	0.4
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	315	0.20	0.3	0.6	0.9	1.8	0.2	0.4	0.4	0.5
61501C	KITCHENER, ONT. EDNA & FREDERICK	306	0.31	0.3	0.7	1.5	2.8	0.4	0.7	1.0	1.0
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	359	0.10	0.2	0.3	0.5	0.7	0.1	0.2	0.3	0.3
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	317	0.13	0.2	0.3	0.5	0.8	0.2	0.2	0.4	0.4
70104I	UNION STOCK YARDS	70	----	0.2	0.8	1.1	1.1	0.1	0.3	0.3	0.3
70118R	JEFFERSON & SCOTIA	339	0.11	0.1	0.3	0.4	0.6	0.1	0.2	0.2	0.3
70119C	65 ELLEN STREET	255	0.15	0.2	0.3	0.5	1.0	0.2	0.3	0.4	0.4
80202R	BRANDON, MAN. 12TH STREET & HILL AVE.	88	----	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2
80102R	REGINA, SASK. 3211 ALBERT STREET	159	****	0.0	0.3	0.5	0.6	0.1	0.1	0.2	0.2
80108C	12TH AVE. & SMITH ST.	266	****	0.0	0.1	0.3	0.3	0.0	0.1	0.1	0.1
80202C	SASKATOON, SASK. 4TH AVE. & 23RD ST.	210	****	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.1
80203R	PORTENAU LODGE	297	****	0.0	0.3	0.5	0.6	0.1	0.2	0.2	0.2
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	308	****	0.0	0.1	0.2	0.3	0.0	0.0	0.1	0.1
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	358	****	0.1	0.3	0.7	1.0	0.1	0.2	0.2	0.2
90109I	EDMONTON, ALTA. 149 ST. & 115 AVENUE	328	0.14	0.2	0.5	0.7	0.8	0.2	0.3	0.3	0.3
90118R	73 AVENUE & 95 STREET	360	****	0.1	0.3	0.5	0.8	0.1	0.2	0.2	0.2
90122R	127 ST. & 133 AVENUE	720	(1) ****	0.1	0.3	0.4	0.6	0.1	0.2	0.2	0.2
90123C	100 ST. & 102 AVENUE	360	0.11	0.2	0.4	0.5	0.6	0.1	0.2	0.2	0.2
90130C	10255 - 104TH STREET	717	(1) 0.29	0.3	0.8	1.2	1.5	0.4	0.6	0.7	0.7
90216R	CALGARY, ALTA. GLENMORE TRAIL & 18 ST.	306	0.11	0.2	0.4	0.6	0.7	0.1	0.2	0.2	0.2
90218I	BONNY BRK & 18A ST. S.E.	699	(1) 0.15	0.2	0.4	0.6	0.8	0.2	0.3	0.3	0.4
90219C	620-7TH AVENUE, S.W.	720	(1) 0.20	0.2	0.4	0.7	0.7	0.2	0.3	0.3	0.4
90222R	39 ST. & 29 AVE. N.W.	720	(1) ****	0.2	0.3	0.5	0.6	0.1	0.2	0.2	0.2
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00106R	2294 WEST 10TH AVENUE	360	0.18	0.2	0.7	0.9	1.0	0.2	0.3	0.5	0.5
00108I	250 WEST 70TH AVENUE	360	0.24	0.3	0.9	1.2	1.3	0.3	0.5	0.6	0.6
00109C	970 BURRARD	360	0.35	0.5	1.0	1.2	1.4	0.4	0.5	0.6	0.6
00110R	E. HASTINGS & KENSINGTON	360	0.32	0.4	1.0	1.3	1.4	0.4	0.5	0.7	0.7
00111I	ROCKY PT. PARK	300	0.27	0.4	0.9	1.1	1.1	0.3	0.5	0.6	0.6
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	0	----	-	-	-	-	-	-	-	-
00301C	VICTORIA, B.C. 625 FISGUARD ST.	360	0.26	0.3	1.0	1.1	1.7	0.3	0.4	0.5	0.5
00302C	1106 COOK ST.	0	----	-	-	-	-	-	-	-	-
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	360	0.38	0.5	0.9	1.2	1.4	0.4	0.6	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 METREAPRIL - AVRIL
1978PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		DAY / JOUR					MEAN MOYENNE	DAY / JOUR					MEAN MOYENNE
		2	8	14	20	26		2	8	14	20	26	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	47	34	18	24	116	48	0.2	0.3	0.1	0.4	0.6	0.3
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	20	39	29	66	84	48	0.1	0.2	0.4	0.1	0.2	0.2
30101C	HALIFAX, N.S.												
30102R	N.S. TECHNICAL COLLEGE	33	45	61	44	100	57	0.1	0.2	0.3	0.0	0.2	0.2
30114R	DALHOUSIE UNIVERSITY	-	38	45	31	33	37	-	0.1	0.2	0.0	0.1	0.1
30115I	MT ST VINCENT UNIVERSITY	19	22	31	20	21	23	0.0	0.1	0.1	0.1	0.1	0.1
	CFB SHEARWATER	27	24	36	40	26	31	0.0	0.0	0.1	0.0	0.1	0.1
30310C	SYDNEY, N.S.												
30311R	COUNTY JAIL	-	40	35	70	42	47	-	0.1	0.0	0.3	0.0	0.1
	WHITNEY PIER FIRE STN.	74	80	69	138	70	86	0.3	0.2	0.2	0.4	0.3	0.3
30408R	GLACE BAY, N.S.												
	SOUTH STREET	27	37	16	13	30	25	0.0	0.0	0.0	0.0	0.0	0.0
40102C	FREDERICTON, N.B.												
	YORK STREET	27	120	52	42	110	70	0.1	0.4	0.5	0.3	0.2	0.3
40201C	SAINT JOHN, N.B.												
	110 CHARLOTTE STREET	-	61	95	40	53	62	-	0.1	0.3	0.1	0.1	0.2
40301C	MONCTON, N.B.												
	774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC												
50103R	JARDIN BOTANIQUE	88	76	90	89	77	84	-	-	-	-	-	-
50104C	POINTE-AUX-TREMBLES	75	68	89	29	97	72	-	-	-	-	-	-
50105C	1125 ONTARIO EST	58	49	56	29	114	61	-	-	-	-	-	-
50106R	1212 DRUMMOND	111	75	83	58	145	94	-	-	-	-	-	-
50107R	VILLE ST-LAURENT	60	39	41	58	121	64	-	-	-	-	-	-
50108R	VILLE LASALLE	-	56	117	84	110	92	-	-	-	-	-	-
50109C	1700 BOURASSA, LONGUEUIL	39	52	62	24	90	53	-	-	-	-	-	-
50110C	DUNCAN & DECARIE	146	75	117	46	110	99	-	-	-	-	-	-
50111C	PARC PILON, MTL.-NORD	110	34	49	71	148	82	-	-	-	-	-	-
50112C	2900 BOUL. CONCORDE	69	72	126	64	64	79	-	-	-	-	-	-
50113R	BOUL. LAURENTIDES	48	35	43	41	77	49	-	-	-	-	-	-
50115C	PIE X & CARDINAL	58	37	40	-	105	60	-	-	-	-	-	-
	PEEL & MAISONNEUVE	347	156	183	96	160	188	-	-	-	-	-	-
50203R	HULL, QUEBEC												
	GAMBLIN & JOFFRE	51	50	46	34	62	49	0.1	0.1	0.1	0.4	0.3	0.2
50301C	QUEBEC, QUEBEC												
50302R	PARC-AUTOS PAQ.LALIBERTE	27	76	112	63	331	122	-	-	-	-	-	-
50303I	PARC BARDY	15	112	47	31	153	72	-	-	-	-	-	-
50304C	CENTRE LOISIRS LIMOILLOU	-	79	89	81	284	133	-	-	-	-	-	-
	155 DORCHESTER SUD	-	-	149	105	257	170	-	-	-	-	-	-
50402R	SHERBROOKE, QUEBEC												
50403C	CASERNE DE POMPIERS #5	58	-	40	47	116	65	-	-	-	-	-	-
	WELLINGTON & ALBERT	-	18	26	-	-	-	-	-	-	-	-	-
50502R	CHICOUTIMI, QUEBEC												
	USINE DE FILTRATION	-	51	43	18	65	44	-	-	-	-	-	-
50601C	ROUYN, QUEBEC												
	HOTEL DE VILLE	9	152	49	157	-	92	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC												
	HART & STE-CECILE	41	87	195	235	323	176	-	-	-	-	-	-
50901R	ARVIDA, QUEBEC												
	POWELL & HOOPES	-	62	49	23	101	59	-	-	-	-	-	-
51002R	TRACY, QUEBEC												
	GARNEAU & RTE 132	26	33	46	122	213	88	-	-	-	-	-	-
51101C	THETFORD MINES, QUEBEC												
	BOUL. STE-MARTHE	-	-	-	-	76	-	-	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC												
	FRIGON & LAVAL	58	82	188	41	128	99	-	-	-	-	-	-
51301R	BAIE COMEAU, QUEBEC												
	39 AVE. MARGUETTE	54	-	27	23	68	43	-	-	-	-	-	-
60101C	OTTAWA, ONT.												
60104C	88 SLATER ST.	68	50	80	43	63	61	0.1	0.2	0.6	0.5	0.4	0.4
	RIDEAU & WURTEMBERG	49	42	-	-	-	-	-	-	-	-	-	-
60201I	WINDSOR, ONT.												
60202C	MORTON TERMINAL DOCK	27	-	118	-	-	-	-	-	-	-	-	-
60203R	CITY HALL	-	-	172	49	62	94	-	-	-	-	-	-
	TECUMSEH WATER WORKS	-	32	-	36	45	38	-	-	-	-	-	-
60301R	KINGSTON, ONT.												
	QUEEN'S UNIVERSITY	35	-	28	15	58	34	0.1	-	0.0	0.1	0.1	0.1

SPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METREAPRIL - AVRIL
1978PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					MEAN MOYENNE	*----- LEAD / PLOMB -----*					MEAN MOYENNE
		----- DAY / JOUR -----						*----- DAY / JOUR -----*					
		2	8	14	20	26		2	8	14	20	26	
TORONTO, ONT.													
60401C	67 COLLEGE STREET	53	50	68	32	-	51	0.3	0.4	0.5	-	-	0.4
60402R	DON MILLS, SCIENCE CNTR	30	25	28	16	61	32	-	-	-	-	-	-
60403I	EVANS & ARNOLD	68	49	106	72	103	80	-	1.9	1.2	2.6	1.4	1.8
60409R	REDLANDS CRESCENT	50	37	-	17	86	48	0.5	0.1	0.2	-	-	0.3
60410R	LAWRENCE & KENNEDY	79	66	68	26	70	62	0.4	0.4	0.3	0.6	0.4	0.4
60411R	PHARMACY & HWY 401	85	85	98	45	107	84	-	-	-	-	-	-
60412R	BATHURST & WILSON	62	53	86	25	117	69	-	-	-	-	-	-
60413R	ELMCREST ROAD	-	-	-	-	-	-	-	-	-	-	-	-
60414I	SHERBOURNE & WILTON ST.	101	125	182	67	-	119	0.6	0.6	0.6	0.7	-	0.6
HAMILTON, ONT.													
60501C	BARTON & SANFORD	119	55	82	58	263	115	0.5	0.2	0.6	0.6	2.0	0.8
60503I	CHATHAM & FRID	45	51	74	33	204	81	0.0	0.1	0.5	0.3	1.3	0.4
60505R	NORTH PARK	124	82	111	-	33	88	0.3	1.7	2.0	-	0.0	1.0
SUDBURY, ONT.													
60602R	ASH STREET	41	-	-	-	-	-	-	-	-	-	-	-
60605C	19 LISGAR STREET	65	74	78	71	137	85	-	-	-	-	-	-
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	38	55	70	52	151	73	-	-	-	-	-	-
60806R	435 JAMES S.	62	50	36	30	146	65	-	-	-	-	-	-
LONDON, ONT.													
60901C	KING & RECTORY	67	92	-	-	-	-	0.5	0.6	0.4	0.4	0.7	0.5
60902C	372 DUNDAS	46	74	-	-	-	-	0.1	0.4	0.0	0.0	0.4	0.2
SARNIA, ONT.													
61001C	156 VICTORIA STREET	64	151	123	-	-	113	0.1	0.5	0.5	0.3	0.6	0.4
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	-	-	-	-	-	-	0.2	0.2	0.0	0.3	0.4	0.2
CORNWALL, ONT.													
61201R	MEMORIAL PARK	-	-	-	-	-	-	-	-	-	-	-	-
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	57	60	69	87	119	78	-	-	-	-	-	-
BRANTFORD, ONT.													
61401C	DALHOUSIE & QUEEN	34	89	36	22	77	52	-	-	-	-	-	-
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	-	54	82	30	111	69	-	-	-	-	-	-
OAKVILLE, ONT.													
61601R	REBECCA & WOODSIDE	35	28	34	16	61	35	-	-	-	-	-	-
WINNIPEG, MAN.													
70102R	PORTAGE & WOODLAWN	31	102	169	156	193	130	0.0	0.4	1.0	2.0	1.2	0.9
70104I	UNION STOCK YARDS	30	45	152	125	150	100	0.0	0.0	0.5	0.5	0.3	0.3
70118R	JEFFERSON & SCOTIA	25	47	87	83	78	64	0.0	0.2	0.4	0.3	0.1	0.2
70119C	65 ELLEN STREET	201	191	225	214	225	211	0.3	0.0	0.7	0.5	0.5	0.4
BRANDON, MAN.													
70202R	12TH STREET & HILL AVE.	36	42	241	89	105	103	0.0	0.1	0.2	0.1	0.2	0.1
REGINA, SASK.													
80102R	3211 ALBERT STREET	17	27	62	29	35	34	0.0	0.0	0.2	0.0	0.0	0.1
80108C	12TH AVE. & SMITH ST.	31	51	149	91	94	83	0.1	0.1	0.3	0.3	0.1	0.2
SASKATOON, SASK.													
80202C	4TH AVE. & 23RD ST.	117	101	314	260	251	209	0.0	0.1	0.3	0.1	0.2	0.1
80203R	PORTENAU LODGE	72	73	62	83	65	71	0.0	0.1	0.0	0.1	0.0	0.1
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	35	44	88	89	101	71	0.1	0.1	0.1	0.2	0.2	0.1
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	18	41	268	270	151	150	0.0	0.1	0.4	0.2	0.1	0.2
EDMONTON, ALTA.													
90103R	146TH ST. & 92ND AVE.	38	82	59	38	82	60	0.1	0.1	0.2	0.1	0.1	0.1
90121I	17 STREET & 105 AVENUE	-	72	43	18	52	46	-	0.1	0.1	0.1	0.1	0.1
90122R	127 ST. & 133 AVENUE	51	68	36	60	85	60	0.1	0.2	0.1	0.3	0.2	0.2
90123C	100 ST. & 102 AVENUE	45	96	42	54	81	64	0.2	0.2	0.2	0.2	0.2	0.2
90130C	10255 - 104TH STREET	71	-	-	-	-	-	0.2	-	-	-	-	-
CALGARY, ALTA.													
90203R	407-31 AVENUE, N.W.	54	180	25	76	173	102	0.0	0.1	0.0	0.1	0.1	0.1
90204C	316-7TH AVENUE	73	159	29	124	246	126	0.2	0.3	0.1	0.1	0.2	0.2
90218I	BONNY BRK & 18A ST. S.E.	52	133	35	66	136	84	0.0	0.2	0.1	0.2	0.2	0.1
90222R	39 ST. & 29 AVE. N.W.	37	92	26	58	127	68	0.0	0.0	0.0	0.1	0.1	0.0
RED DEER, ALTA.													
90301C	4747 50TH STREET	41	81	53	92	96	73	0.0	0.2	0.2	0.2	0.1	0.1
MEDICINE HAT, ALTA.													
90401C	770 FIRST STREET, S.E.	55	87	65	119	-	82	0.0	0.1	0.1	0.2	-	0.1

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SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

APRIL - AVRIL
1978

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN	*----- DAY / JOUR -----*					MEAN
		2	8	14	20	26	MOYENNE	2	8	14	20	26	MOYENNE
90501C	LETHBRIDGE, ALTA. 13 ST. & 9 AVENUE S.	64	57	37	74	135	73	0.0	0.0	0.0	0.0	0.0	0.0
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 51ST STREET	-	-	-	-	-	-	-	-	-	-	-	-
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	40	61	47	38	77	53	0.2	0.5	0.6	0.3	0.4	0.4
00104R	27TH & ONTARIO	50	57	42	37	88	55	0.4	0.4	0.7	0.4	0.4	0.5
00106R	2294 WEST 10TH AVENUE	44	50	42	34	76	49	0.4	0.4	0.7	0.3	0.5	0.5
00108I	250 WEST 70TH AVENUE	55	85	58	61	139	80	0.2	0.5	0.8	0.5	0.6	0.5
00109C	970 BURRARD	42	58	50	75	105	66	0.4	0.5	0.8	0.5	0.6	0.6
00110R	E. HASTINGS & KENSINGTON	35	49	39	32	106	52	0.2	0.2	0.4	0.3	0.4	0.3
00111I	ROCKY PT. PARK	28	-	44	32	72	44	0.2	-	0.3	0.2	0.3	0.2
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	71	122	118	164	-	119	0.2	0.4	0.4	0.4	-	0.4
00301C	VICTORIA, B.C. 625 FISGUARD ST.	29	54	-	32	52	42	0.2	0.1	-	0.2	0.1	0.2
00302C	1106 COOK ST.	39	40	28	30	46	37	0.4	0.2	0.4	0.2	0.1	0.3
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	54	98	-	305	232	172	0.1	0.1	-	0.4	0.2	0.2

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

APRIL - AVRIL
1978

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		2	8	14	20	26
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	2	0	-	0	2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	0	1	1	1
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	1	-	0	0
30115I	CPB SHEARWATER	1	0	1	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	-	0	0	1	1
30311R	WHITNEY PIER FIRE STN.	2	1	-	3	1
30408R	GLACE BAY, N.S. SOUTH STREET	-	0	0	0	0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	0	0	1	2
50103R	POINTE-AUX-TREMBLES	0	2	12	-	-
50104C	1125 ONTARIO EST	2	2	2	1	6
50105C	1212 DRUMMOND	-	4	4	-	9
50106R	VILLE ST-LAURENT	0	0	0	0	1
50107R	VILLE LASALLE	-	0	0	0	7
50109C	DUNCAN & DECARIE	5	6	10	2	5
50110C	PARC PILON, MTL.-NORD	0	0	0	1	2
50111C	2900 BOUL. CONCORDE	-	1	1	-	1
50112C	BOUL. LAURENTIDES	0	0	0	0	0
50113R	PIE X & CARDINAL	0	0	0	-	1
50115C	PEEL & MAISONNEUVE	9	7	8	3	10
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	-	0	1	0	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-
50304C	155 DORCHESTER SUD	-	-	-	-	-
50501C	ROUYN, QUEBEC HOTEL DE VILLE	0	1	0	57	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	2	4	7	55	11
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-
51201I	SHAMINIGAN, QUEBEC FRIGON & LAVAL	-	2	11	0	9
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	1	1	5	0	2
60104C	RIDEAU & WURTEMBERG	4	0	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	1	-	5	-	-
60401C	TORONTO, ONT. 67 COLLEGE STREET	0	1	0	1	-
60402R	DON MILLS, SCIENCE CNTR	1	1	1	0	1
60403I	EVANS & ARNOLD	0	1	0	2	3
60409R	REDLANDS CRESCENT	1	1	-	0	3
60410R	LAWRENCE & KENNEDY	-	0	0	0	0
60411R	PHARMACY & HWY 401	1	2	11	1	3
60412R	BATHURST & WILSON	1	1	0	-	2
60413R	ELMCREST ROAD	-	-	-	-	-
60414I	SHERBOURNE & WILTON ST.	0	3	1	0	-
60501C	HAMILTON, ONT. BARTON & SANFORD	7	1	2	3	32
60505R	NORTH PARK	2	1	2	-	1
60602R	SUDBURY, ONT. ASH STREET	0	-	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0	1
60901C	LONDON, ONT. KING & RECTORY	2	0	-	-	-
61001C	SARNIA, ONT. 156 VICTORIA STREET	0	1	0	-	-
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	-

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

APRIL - AVRIL
1978

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		2	8	14	20	26
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	-	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	2	1	-	0
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	0	-	0	0	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	0	0	0	0
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	1	1	0	0	2
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	0	0	-	0	2
70104I	UNION STOCK YARDS	0	0	0	1	3
70118R	JEFFERSON & SCOTIA	0	0	-	-	0
70119C	65 ELLEN STREET	1	6	-	-	-
70202R	BRANDON, MAN. 12TH STREET & HILL AVE.	0	0	0	0	-
80108C	REGINA, SASK. 12TH AVE. & SMITH ST.	0	0	0	0	0
80202C	SASKATOON, SASK. 4TH AVE. & 23RD ST.	-	-	-	-	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	0	0	0	0	2
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	0	0	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	-	0	0	0	0
90122R	127 ST. & 133 AVENUE	0	0	0	0	0
90130C	10255 - 104TH STREET	0	-	-	-	-
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
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	1	1	1	0	1
00108I	250 WEST 70TH AVENUE	-	-	1	0	-
00109C	970 BURRARD	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	0	0	1	1	6
00111I	ROCKY PT. PARK	0	-	-	-	-
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	-	-	-	-	-
00301C	VICTORIA, B.C. 625 FISGUARD ST.	0	0	-	-	0
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	0	-	2	2

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

APRIL - AVRIL
1978

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	2.6	0.2 **
30309I	PT EDWARD, RICHMOND PLST	2.2	0.2 **
30310C	COUNTY JAIL	9.7	0.3 **
30311R	WHITNEY PIER FIRE STN.	27.0	0.8 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	5.6	0.1 **
30405C	GENERAL HOSPITAL	3.6	0.6 **
30406R	PUMPING STATION ROAD	4.8	0.4 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	-	- *
50102R	JARDIN BOTANIQUE	-	- *
50103R	POINTE-AUX-TREMBLES	-	- *
50106R	VILLE ST-LAURENT	-	- *
50107R	VILLE LASALLE	-	- *
WINDSOR, ONT.			
60201I	MORTON TERMINAL DOCK	-	-
60202C	CITY HALL	-	-
60203R	TECUMSEH WATER WORKS	-	-
60209R	E. C. ROWE & JEFFERSON	-	-
TORONTO, ONT.			
60401C	67 COLLEGE STREET	-	- *
60403I	EVANS & ARNOLD	-	- *
60404R	5126 YONGE STREET	-	- *
60405I	JOHN STREET PUMP STATION	-	- *
60406R	ROSEHILL RESERVOIR	-	- *
60408C	DANFORTH & ROBINSON	-	- *
HAMILTON, ONT.			
60501C	BARTON & SANFORD	-	- *
60502I	BURLINGTON & GAGE	-	- *
60503I	CHATHAM & FRID	-	- *
60507C	HUGHSON & HUNTER	-	- *
60510I	STRATHEARN	-	- *
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	-	- *
60703I	BAYVIEW & YOUNG	-	- *
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	-	- *
60802I	185 GORE STREET	-	- *
60805C	521 MEMORIAL AVENUE	-	- *
LONDON, ONT.			
60901C	KING & RECTORY	-	- *
SARNIA, ONT.			
61001C	156 VICTORIA STREET	-	- *
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	15.4	0.0 **
70110C	KENNEDY & ST. MARY'S	17.7	-
70113I	WINDERMERE & ROCKMAN	10.3	0.0 **
70115C	PORTAGE & MINTO	35.1	0.0 **
70116I	SMITH & KING	37.7	0.1 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	4.5	0.1 **
90126R	77 AVENUE & 85 STREET	10.1	0.1 **
90127I	115 AVENUE & 159 STREET	10.4	0.1 **
90128R	99 AVENUE & 160 STREET	3.0	0.1 **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	12.4	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	6.5	0.1 **
90223C	11 ST. & 38 AVE. S.E.	7.4	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	7.5	0.1 **
90225R	PALLISER DR & OAKWOOD SW	4.9	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	6.5	0.1 **

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

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