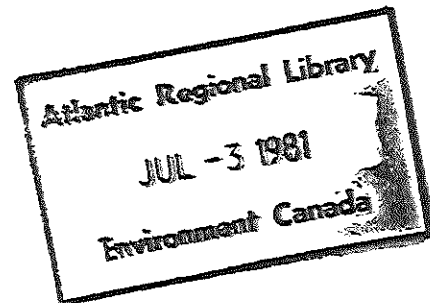




Environment
Canada
Environmental
Protection
Service

Environnement
Canada
Service de la
protection de
l'environnement

Monthly Summary January 1979



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Extrait mensuel janvier 1979

ENVIRONMENT CANADA LIBRARY
15th Floor, Queen Square
45 Alderney Drive
Dartmouth, N.S. B2Y 2N6
CANADA

Dartmouth Env. Can. Lib./Bib.



39 021 706

Surveillance Report
EPS 5-AP-79-1

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-79-1

Direction générale de
l'assainissement de l'air

TD
890
C325
79-1

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONJANUARY - JANVIER
1979DIOXYDE 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	713	1.5	2	4	6	6	2	3	4	4
60413R	ELMCREST ROAD	708	***	1	2	4	5	1	2	3	3
60414I	SHERBOURNE & WILTON ST.	718	1.8	2	5	10	20	2	4	5	5
60415R	QUEENSWAY W & HURONTARIO	685	***	1	1	2	5	1	1	2	2
HAMILTON, ONT.											
60501C	BARTON & SANFORD	713	1.4	2	4	6	9	2	4	4	5
60505R	NORTH PARK	710	1.9	3	6	9	11	3	5	8	8
SUDBURY, ONT.											
60602R	ASH STREET	721	1.0	1	2	4	8	1	2	3	3
60606C	KENNEDY STREET	722	***	1	2	7	22	1	2	5	6
SAULT STE. MARIE, ONT.											
60705R	550 QUEEN STREET WEST	727	***	1	3	6	16	1	2	4	4
THUNDER BAY, ONT.											
60806R	435 JAMES S.	737	***	0	0	0	3	0	0	0	0
LONDON, ONT.											
60901C	KING & RECTORY	541	1.2	2	3	4	9	2	3	3	4
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	711	1.4	2	4	8	13	2	4	4	5
PETERBOROUGH, ONT.											
61103C	500 GEORGE STREET	737	***	1	2	3	4	1	1	2	2
CORNWALL, ONT.											
61201R	MEMORIAL PARK	694	2.7	4	6	8	9	4	5	7	7
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	734	1.1	1	3	6	8	1	3	3	4
BRANTFORD, ONT.											
61401C	DALHOUSIE & QUEEN	723	***	0	1	2	2	0	1	1	1
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	704	1.2	2	3	4	11	2	3	4	4
OAKVILLE, ONT.											
61601R	REBECCA & WOODSIDE	700	***	1	3	4	5	1	2	3	3
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	129	---	3	4	6	7	3	3	3	3
WINNIPEG, MAN.											
70102R	PORTAGE & WOODLAWN	683	***	1	1	3	3	1	1	1	1
70104I	UNION STOCK YARDS	697	***	1	3	4	7	1	2	2	2
70118R	JEFFERSON & SCOTIA	564	***	1	1	2	7	0	1	2	2
70119C	65 ELLEN STREET	690	1.0	1	3	5	7	1	2	3	3
BRANDON, MAN.											
70202R	12TH STREET & HILL AVE.	495	***	0	0	0	0	0	0	0	0
REGINA, SASK.											
80109C	1620 ALBERT STREET	0	---	-	-	-	-	-	-	-	-
SASKATOON, SASK.											
80202C	4TH AVE. & 23RD ST.	0	---	-	-	-	-	-	-	-	-
MOOSE JAW, SASK.											
80301C	FAIRFORD ST. & 1ST AVE.	0	---	-	-	-	-	-	-	-	-
PRINCE ALBERT, SASK.											
80401C	1257-1ST AVE. EAST	724	***	0	0	0	1	0	0	0	0
EDMONTON, ALTA.											
90121I	17 STREET & 105 AVENUE	657	***	0	0	0	1	0	0	0	0
90122R	127 ST. & 133 AVENUE	557	***	0	0	0	0	0	0	0	0
90130C	10255 - 104TH STREET	671	***	0	0	0	3	0	0	0	0
CALGARY, ALTA.											
90218I	BONNY BRK & 18A ST. S.E.	561	***	0	0	1	2	0	0	0	0
90219C	620-7TH AVENUE, S.W.	655	***	0	0	1	3	0	0	1	1
90222R	39 ST. & 29 AVE. N.W.	675	***	0	0	1	1	0	0	0	0
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	631	1.4	2	4	5	7	2	3	3	3
00108I	250 WEST 70TH AVENUE	545	***	1	2	3	5	1	2	2	2
00109C	970 BURRARD	681	1.7	2	5	7	10	2	4	4	5
00110R	E. HASTINGS & KENSINGTON	740	***	1	3	6	13	1	2	4	4
00111I	ROCKY PT. PARK	725	***	1	2	2	4	1	1	2	2

*** 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 MILLION

JANUARY - JANVIER
1979

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			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	0	---	-	-	-	-	-	-	-	-
00301C	VICTORIA, B.C. 625 FISGUARD ST.	0	---	-	-	-	-	-	-	-	-
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	607	***	0	1	3	5	0	1	2	2
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	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 MILLIONJANUARY - JANVIER
1979MONOXYDE 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
30116C	HALIFAX, N.S. BARRINGTON & DUKE	687	1.4	2	4	7	10	2	3	5	6	2	2	3	4
	MONTREAL, QUEBEC														
50103R	POINTE-AUX-TREMBLES	669	1.0	1	3	4	6	1	3	3	4	1	2	3	3
50104C	1125 ONTARIO EST	720	2.1	2	5	6	11	3	4	5	6	3	4	4	5
50109C	DUNCAN & DECARIE	721	2.8	3	8	12	15	4	7	8	9	3	5	6	6
50110C	PARC PILON, MTL.-NORD	744	3.7	4	7	9	11	4	6	7	8	4	6	7	7
50111C	2900 BOUL. CONCORDE	473	1.9	2	5	7	8	2	5	6	7	2	4	4	4
50112C	BOUL. LAURENTIDES	736	1.5	2	5	6	11	2	4	6	8	2	4	5	5
50113R	PIE X & CARDINAL	744	0.9	1	3	4	6	1	2	4	4	1	2	3	3
50114C	677 STE-CATHERINE O.	621	3.3	4	7	9	12	4	6	8	9	4	5	6	6
50115C	PEEL & MAISONNEUVE	511	2.8	3	6	8	14	4	6	7	7	3	5	5	6
50116R	3161 JOSEPH, VERDUN	744	1.1	1	2	3	5	1	2	3	3	1	2	2	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	728	0.8	1	2	4	6	1	2	3	3	1	2	2	2
50304C	QUEBEC, QUEBEC 155 DORCHESTER SUD	736	1.5	2	5	8	12	2	4	6	8	2	3	5	5
60101C	OTTAWA, ONT. 86 SLATER ST.	588	3.2	4	9	13	15	4	8	10	11	4	6	8	8
60104C	RIDEAU & WURTEMBERG	740	1.0	1	2	4	5	1	2	3	4	1	2	2	2
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	724	1.9	2	3	5	8	2	3	4	4	2	3	3	3
60401C	TORONTO, ONT. 67 COLLEGE STREET	738	3.2	4	6	8	11	4	5	7	8	4	4	5	5
60402R	DON MILLS, SCIENCE CNTR	716	2.3	3	4	6	8	3	4	5	5	3	3	4	4
60403I	EVANS & ARNOLD	0	---	---	---	---	---	---	---	---	---	---	---	---	---
60410R	LAWRENCE & KENNEDY	722	1.6	2	3	5	9	2	3	4	4	2	3	3	3
60412R	BATHURST & WILSON	712	2.1	2	4	6	10	2	4	5	6	3	4	4	4
60413R	ELMCREST ROAD	719	1.1	1	3	5	8	1	3	4	6	1	3	4	4
60414I	SHERBOURNE & WILTON ST.	709	0.9	1	2	5	10	1	2	3	4	1	2	3	3
60415R	QUEENSWAY W & HURONTARIO	670	1.7	2	3	5	7	2	3	4	4	2	2	3	4
60501C	HAMILTON, ONT. BARTON & SANFORD	0	---	---	---	---	---	---	---	---	---	---	---	---	---
60602R	SUDBURY, ONT. ASH STREET	700	0.5	1	2	5	11	1	2	3	5	1	2	2	2
60901C	LONDON, ONT. KING & RECTORY	674	0.7	1	2	8	11	1	2	3	4	1	2	2	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	689	***	0	1	2	2	0	1	1	1	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	702	0.7	1	2	3	9	1	2	3	3	1	2	2	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	736	0.9	1	2	4	6	1	2	3	4	1	2	3	3
61501C	KITCHENER, ONT. EDNA & FREDERICK	743	1.4	2	3	6	9	2	4	5	6	2	3	4	4
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	704	1.5	2	2	4	5	2	2	3	4	2	2	2	3
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	201	---	1	2	3	3	1	2	3	3	1	1	2	2
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	700	1.3	2	3	5	8	2	3	3	4	2	2	3	3
70118R	JEFFERSON & SCOTIA	698	1.1	1	3	5	13	1	3	4	6	1	2	3	3
70119C	65 ELLEN STREET	690	1.7	2	4	6	8	2	3	4	5	2	3	4	4
80109C	REGINA, SASK. 1620 ALBERT STREET	686	1.0	1	4	9	12	1	4	5	7	2	3	3	3
80202C	SASKATOON, SASK. 4TH AVE. & 23RD ST.	264	---	1	2	4	5	1	2	3	3	1	2	2	2
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	741	0.5	1	2	3	4	1	1	2	2	1	1	1	1
90122R	127 ST. & 133 AVENUE	601	1.8	2	5	7	9	2	4	6	6	2	4	4	4
90130C	10255 - 104TH STREET	744	3.8	5	8	11	15	5	7	9	10	4	6	6	7
90219C	CALGARY, ALTA. 620-7TH AVENUE, S.W.	742	3.4	4	8	12	20	4	8	10	13	4	6	7	7
90222R	39 ST. & 29 AVE. N.W.	690	1.2	1	3	7	10	1	3	5	7	1	2	3	4

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

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

CARBON MONOXIDE
PARTS PER MILLIONJANUARY - JANVIER
1979MONOXYDE 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		MEANS		MEANS		MEANS	
				1-HOUR / HEURE		8-HOUR / HEURES		24-HOUR / HEURES		70		70		70	
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
VANCOUVER, B.C.															
00106R	2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	706	2.6	3	8	13	20	3	7	9	11	3	6	7	8
00109C	970 BURRARD	736	3.4	4	8	10	12	4	6	8	8	4	6	6	6
00110R	E. HASTINGS & KENSINGTON	740	1.7	2	4	6	11	2	4	4	4	2	3	3	3
00111I	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-	-	-	-	-
VICTORIA, B.C.															
00302C	1106 COOK ST.	733	1.9	2	6	10	18	2	5	7	9	2	4	4	4

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLIONJANUARY - JANVIER
1979DIOXYDE 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		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	726	***	1	2	3	6	1	2	2	2
	BARRINGTON & DUKE	702	3.0	4	5	6	7	3	4	4	4
	MONTREAL, QUEBEC										
50102R	JARDIN BOTANIQUE	0	---	-	-	-	-	-	-	-	-
50104C	1125 ONTARIO EST	665	3.3	4	4	5	5	4	4	4	4
50109C	DUNCAN & DECARIE	675	3.0	3	5	6	7	3	4	5	5
50110C	PARC PILON, MTL.-NORD	743	3.0	3	4	5	6	3	4	4	4
50111C	2900 BOUL. CONCORDE	733	3.2	4	6	8	14	4	5	5	6
50112C	BOUL. LAURENTIDES	690	2.5	3	4	5	6	3	4	4	4
50113R	PIE X & CARDINAL	360	---	3	4	5	8	3	4	5	5
50115C	PEEL & MAISONNEUVE	300	---	3	4	4	5	3	3	3	3
50116R	3161 JOSEPH, VERDUN	744	4.6	5	6	7	8	5	6	6	6
	HULL, QUEBEC										
50203R	GAMBLIN & JOFFRE	658	1.3	2	3	4	5	2	3	3	3
	QUEBEC, QUEBEC										
50304C	155 DORCHESTER SUD	288	---	1	1	1	1	1	1	1	1
	OTTAWA, ONT.										
60101C	88 SLATER ST.	728	3.2	4	4	5	7	4	4	5	5
60104C	RIDEAU & WURTEMBERG	710	1.7	2	4	5	5	2	3	4	4
	WINDSOR, ONT.										
60204C	471 UNIVERSITY AVENUE	723	2.5	3	4	4	6	3	4	4	4
	TORONTO, ONT.										
60401C	67 COLLEGE STREET	721	2.7	3	5	7	9	4	5	5	5
60402R	DON MILLS, SCIENCE CNTR	704	2.2	3	4	5	6	3	4	4	4
60403I	EVANS & ARNOLD	709	2.8	3	4	4	5	3	4	4	4
60410R	LAWRENCE & KENNEDY	336	---	2	3	3	4	2	2	2	2
60412R	BATHURST & WILSON	718	2.3	3	4	4	7	3	3	4	4
60413R	ELMCREST ROAD	736	2.2	3	3	4	5	3	3	3	3
60414I	SHERBOURNE & WILTON ST.	721	3.4	4	5	6	9	4	4	5	5
60415R	QUEENSWAY W & HURONTARIO	735	2.5	3	4	5	6	3	4	4	4
	HAMILTON, ONT.										
60501C	BARTON & SANFORD	717	2.9	3	5	5	10	3	4	5	5
60505R	NORTH PARK	707	2.9	3	4	5	7	3	4	4	4
	SUDBURY, ONT.										
60602R	ASH STREET	722	***	1	3	4	4	1	2	3	3
	LONDON, ONT.										
60901C	KING & RECTORY	718	2.5	3	4	5	6	3	4	4	4
	SARNIA, ONT.										
61004R	FRONT ST. AT C.N. TRACKS	606	1.9	3	4	5	8	3	3	4	4
	CORNWALL, ONT.										
61201R	MEMORIAL PARK	712	2.1	3	4	5	8	2	4	4	5
	ST. CATHARINES, ONT.										
61301C	NORTH ST. & GENEVA ST.	732	2.9	3	4	5	5	3	4	4	4
	KITCHENER, ONT.										
61501C	EDNA & FREDERICK	743	3.2	4	5	6	7	4	5	5	5
	OAKVILLE, ONT.										
61601R	REBECCA & WOODSIDE	391	***	1	3	7	9	1	2	2	3
	OSHAWA, ONT.										
61701R	RITSON RD. & OLIVE AVE.	428	1.7	2	3	4	5	2	3	3	3
	WINNIPEG, MAN.										
70118R	JEFFERSON & SCOTIA	669	2.6	3	4	5	8	3	4	4	4
70119C	65 ELLEN STREET	727	1.9	2	4	5	6	2	3	4	4
	REGINA, SASK.										
80109C	1620 ALBERT STREET	330	---	3	4	5	5	3	4	4	4
	EDMONTON, ALTA.										
90122R	127 ST. & 133 AVENUE	573	4.8	6	7	9	12	5	7	7	7
90130C	10255 - 104TH STREET	664	4.2	5	6	8	8	5	6	6	7
	CALGARY, ALTA.										
90219C	620-7TH AVENUE, S.W.	712	4.9	5	8	14	20	5	8	9	9
90222R	39 ST. & 29 AVE. N.W.	726	2.9	4	5	6	6	3	4	4	4
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	688	3.2	3	5	6	8	4	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.

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

JANUARY - JANVIER
1979

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION	NUMBER OF	MONTHLY	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
	EMPLACEMENT	HOURLY SAMPLES	MEAN	INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
		NOMBRE DE	MOYENNE	1-HOUR / HEURE				24-HOUR / HEURES			
		DONNEES HORAIRES	MENSUELLE	70	95	99	MAX	70	95	99	MAX
00109C	970 BURRARD	647	3.9	4	8	10	11	4	7	7	7
00110R	E. HASTINGS & KENSINGTON	741	2.0	2	4	6	11	3	3	4	4
00111I	ROCKY PT. PARK	727	2.2	3	5	8	14	3	4	6	6
	VICTORIA, B.C.										
00302C	1106 COOK ST.	625	2.6	3	4	5	6	3	3	4	4

OZONE
PARTS PER HUNDRED MILLIONJANUARY - JANVIER
1979OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES		24-HOUR / HEURES		24-HOUR / HEURES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	739	2.6	3	4	4	5	3	3	4	4
	BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	128	---	1	5	6	6	3	3	3	3
50104C	POINTE-AUX-TREMBLES	602	1.1	2	3	3	3	1	2	3	3
50109C	1125 ONTARIO EST	691	0.8	1	3	3	3	1	2	3	3
50110C	DUNCAN & DECARIE	674	0.7	1	2	3	4	1	2	3	3
50111C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50112C	2900 BOUL. CONCORDE	639	1.2	2	3	3	3	2	3	3	3
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50115C	PIE X & CARDINAL	741	1.4	2	3	3	4	2	3	3	3
50116R	PEEL & MAISONNEUVE	696	***	1	2	2	2	1	1	1	1
	3161 JOSEPH, VERDUN	624	1.1	2	3	3	4	2	2	2	3
50304C	QUEBEC, QUEBEC										
	155 DORCHESTER SUD	737	***	1	2	2	2	1	1	1	2
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	740	0.9	1	2	3	3	1	2	2	2
	RIDEAU & WURTEMBERG	737	1.1	2	2	3	3	1	2	2	2
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	714	0.6	1	2	2	5	1	1	1	1
60401C	TORONTO, ONT.										
60402R	67 COLLEGE STREET	556	1.2	2	4	7	7	1	4	5	6
60403I	DON MILLS, SCIENCE CNTR	718	1.0	2	2	3	3	1	2	2	2
60410R	EVANS & ARNOLD	701	***	1	1	2	2	1	1	1	1
60413R	LAWRENCE & KENNEDY	710	0.6	1	2	2	2	1	1	1	1
60414I	ELMCREST ROAD	625	1.0	2	2	3	5	1	2	2	2
60415R	SHERBOURNE & WILTON ST.	719	0.6	1	2	2	6	1	1	1	1
	QUEENSWAY W & HURONTARIO	739	0.9	1	2	2	3	1	2	2	2
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	720	0.9	2	2	3	4	1	2	2	2
60602R	SUDEBURY, ONT.										
	ASH STREET	668	1.1	1	2	2	4	1	2	2	2
60901C	LONDON, ONT.										
	KING & RECTORY	734	1.1	2	2	3	3	1	2	2	2
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	719	1.7	3	3	4	4	2	3	3	3
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	692	1.2	1	3	3	8	1	2	3	3
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	698	1.0	2	2	3	3	1	2	2	2
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	707	1.5	2	3	4	4	2	3	3	3
61601R	OAKVILLE, ONT.										
	REBECCA & WOODSIDE	313	---	1	2	2	2	1	2	2	2
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	130	---	1	2	2	2	1	2	2	2
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	677	1.3	2	3	3	3	2	2	2	3
	65 ELLEN STREET	609	0.8	1	2	2	3	1	2	2	2
80109C	REGINA, SASK.										
	1620 ALBERT STREET	740	1.4	2	3	3	3	2	3	3	3
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	602	1.0	2	4	4	4	1	3	3	3
	10255 - 104TH STREET	740	***	1	2	2	3	1	1	1	1
90219C	CALGARY, ALTA.										
90222R	620-7TH AVENUE, S.W.	695	1.0	1	3	4	4	1	2	3	3
	19 ST. & 29 AVE. N.W.	738	1.6	2	4	5	5	2	3	4	4
00106R	VANCOUVER, B.C.										
00108I	2294 WEST 10TH AVENUE	584	***	0	2	3	3	0	1	1	1
00109C	250 WEST 70TH AVENUE	700	***	0	2	2	3	0	1	1	1
00110R	970 BURRARD	664	***	0	1	1	2	0	0	1	1
00111I	E. HASTINGS & KENSINGTON	740	***	1	2	2	3	1	1	2	2
	ROCKY PT. PARK	732	***	0	2	3	4	0	1	1	1

*** CALCULATED MEANS ARE BELOW 5 PARTS PER BILLION.
LES MOYENNES SONT INFÉRIEURES À 5 PARTIES PAR BILLION.

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.JANUARY - JANVIER
1979INDICE 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		2-HOUR / HEURES		MEANS ----- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
HALIFAX, N.S.											
30114R	MT ST VINCENT UNIVERSITY	372	****	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.1
30115I	CFB SHEARWATER	196	****	0.1	0.2	0.3	0.4	0.1	0.1	0.2	0.2
30116C	BARRINGTON & DUKE	356	0.20	0.2	0.5	1.0	1.5	0.2	0.4	0.6	0.6
SYDNEY, N.S.											
30310C	COUNTY JAIL	371	0.15	0.2	0.4	0.6	0.8	0.2	0.3	0.4	0.4
30311R	WHITNEY PIER FIRE STN.	357	0.21	0.2	0.6	1.1	1.3	0.2	0.4	0.6	0.7
GLACE BAY, N.S.											
30408R	SOUTH STREET	347	0.22	0.3	0.7	1.4	2.2	0.3	0.4	0.6	0.7
SAINT JOHN, N.B.											
40202C	POST OFFICE	683	(1) 0.12	0.2	0.3	0.4	0.7	0.2	0.3	0.3	0.3
MONTREAL, QUEBEC											
50101R	PARC JARRY	367	0.20	0.2	0.4	0.6	0.8	0.2	0.3	0.4	0.5
50102R	JARDIN BOTANIQUE	193	0.18	0.2	0.4	0.8	0.9	0.2	0.4	0.4	0.4
50103R	POINTE-AUX-TREMBLES	319	0.35	0.4	0.8	1.0	1.5	0.4	0.7	0.8	0.9
50104C	1125 ONTARIO EST	324	0.30	0.3	0.6	0.7	0.8	0.4	0.5	0.6	0.6
50105C	1212 DRUMMOND	332	0.21	0.2	0.5	1.0	1.2	0.2	0.4	0.6	0.6
50106R	VILLE ST-LAURENT	371	0.24	0.3	0.7	1.2	1.4	0.3	0.5	0.8	0.9
50107R	VILLE LASALLE	266	0.33	0.4	0.8	1.2	1.5	0.4	0.7	0.8	0.9
50109C	DUNCAN & DECARIE	362	0.44	0.5	0.9	1.3	1.7	0.5	0.7	0.9	0.9
50110C	PARC PILON, MTL.-NORD	305	0.46	0.6	1.1	1.6	2.0	0.6	0.9	1.3	1.4
50111C	2900 BOUL. CONCORDE	372	0.30	0.3	0.6	1.1	1.4	0.3	0.5	0.7	0.8
50112C	BOUL. LAURENTIDES	353	0.28	0.3	0.7	1.1	1.3	0.3	0.6	0.8	0.8
50113R	PIE X & CARDINAL	283	0.34	0.4	0.8	1.6	1.7	0.4	0.7	1.1	1.1
50115C	PEEL & MAISONNEUVE	372	0.57	0.7	1.0	1.5	2.0	0.6	0.9	1.1	1.1
50116R	3161 JOSEPH, VERDUN	302	0.32	0.4	0.6	1.0	1.4	0.4	0.6	0.7	0.7
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	371	0.29	0.4	0.7	1.2	1.6	0.4	0.5	0.6	0.7
QUEBEC, QUEBEC											
50303I	CENTRE LOISIRS LIMOILLOU	372	****	0.1	0.4	0.9	1.4	0.1	0.2	0.5	0.6
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	372	0.41	0.5	1.3	1.7	2.1	0.5	0.8	0.8	1.0
TRACY, QUEBEC											
51001R	3225 AVE COURSHESNE	341	0.19	0.2	0.5	0.6	1.0	0.2	0.4	0.5	0.5
THETFORD MINES, QUEBEC											
51101C	BOUL. STE-MARTHE	343	0.23	0.2	0.8	1.8	3.1	0.3	0.6	1.1	1.2
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	363	0.49	0.6	1.2	1.3	1.6	0.6	0.8	0.9	0.9
OTTAWA, ONT.											
60101C	88 SLATER ST.	288	0.54	0.6	1.7	2.5	2.5	0.6	1.4	1.7	1.7
60102R	EXPERIMENTAL FARM	240	0.24	0.3	0.7	1.1	2.1	0.3	0.5	0.5	0.6
60103C	GILMOUR STREET	371	0.30	0.4	0.7	0.9	1.1	0.4	0.5	0.6	0.6
60104C	RIDEAU & WURTEMBERG	0	----	-	-	-	-	-	-	-	-
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	712	(1) 0.52	0.6	1.0	1.4	2.2	0.6	0.8	0.9	1.0
60211R	COLLEGE & PRINCE	708	(1) 0.50	0.6	1.0	1.4	2.3	0.6	0.8	0.9	0.9
KINGSTON, ONT.											
60302R	NAPIER STREET	371	0.14	0.2	0.4	0.6	1.2	0.2	0.2	0.3	0.4
TORONTO, ONT.											
60401C	67 COLLEGE STREET	721	(1) 0.40	0.5	0.9	1.1	1.3	0.5	0.7	0.9	0.9
60402R	DON MILLS, SCIENCE CNTR	719	(1) 0.36	0.4	0.8	1.4	1.8	0.4	0.7	0.9	1.0
60403I	EVANS & ARNOLD	718	(1) 0.45	0.5	1.1	2.1	2.6	0.5	0.9	1.0	1.1
60409R	REDLANDS CRESCENT	363	0.17	0.2	0.4	0.7	2.1	0.2	0.3	0.3	0.4
60410R	LAWRENCE & KENNEDY	683	(1) 0.39	0.5	0.8	1.3	2.1	0.5	0.7	1.0	1.0
60412R	BATHURST & WILSON	719	(1) 0.41	0.5	0.9	1.4	1.5	0.5	0.8	0.9	0.9
60413R	ELMCREST ROAD	718	(1) 0.24	0.3	0.7	1.0	1.2	0.3	0.6	0.7	0.7
60414I	SHERBOURNE & WILTON ST.	717	(1) 0.59	0.7	1.2	1.5	2.5	0.7	1.1	1.2	1.3
60415R	QUEENSWAY W & HURONTARIO	371	0.23	0.2	0.7	1.1	1.7	0.3	0.5	0.8	0.8
HAMILTON, ONT.											
60501C	BARTON & SANFORD	708	(1) 0.63	0.7	1.5	2.3	2.5	0.7	1.2	1.4	1.5
60505R	NORTH PARK	703	(1) 0.68	0.8	1.4	1.8	2.0	0.8	1.2	1.2	1.3
SUDBURY, ONT.											
60602R	ASH STREET	717	(1) 0.19	0.2	0.8	1.5	1.7	0.2	0.7	0.8	0.9

(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.

JANUARY - JANVIER
1979

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
60705R	SAULT STE. MARIE, ONT. 550 QUEEN STREET WEST	371	0.30	0.3	0.8	1.5	2.3	0.3	0.6	0.7	0.7
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	----	-	-	-	-	-	-	-	-
60901C	LONDON, ONT. KING & RECTORY	695	(1) 0.43	0.6	1.1	1.9	2.3	0.5	0.8	0.9	0.9
60902C	372 DUNDAS	371	0.11	0.2	0.4	0.6	0.7	0.1	0.3	0.4	0.5
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	710	(1) 0.37	0.5	0.9	1.5	1.6	0.5	0.7	1.2	1.4
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	357	0.20	0.3	0.5	0.9	1.2	0.2	0.3	0.4	0.4
61201R	CORNWALL, ONT. MEMORIAL PARK	0	----	-	-	-	-	-	-	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	227	0.20	0.3	0.6	0.7	0.8	0.2	0.3	0.4	0.4
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	371	0.15	0.2	0.4	0.8	1.1	0.2	0.3	0.5	0.5
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	----	-	-	-	-	-	-	-	-
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	371	0.20	0.2	0.6	0.9	1.5	0.2	0.4	0.6	0.7
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	362	0.13	0.2	0.3	0.4	0.5	0.2	0.2	0.3	0.3
70104I	UNION STOCK YARDS	0	----	-	-	-	-	-	-	-	-
70118R	JEFFERSON & SCOTIA	356	****	0.1	0.2	0.3	0.5	0.1	0.2	0.3	0.3
70119C	65 ELLEN STREET	299	0.20	0.2	0.4	0.8	0.8	0.2	0.4	0.5	0.5
70202R	BRANDON, MAN. 12TH STREET & HILL AVE.	362	0.11	0.1	0.3	0.5	0.8	0.1	0.2	0.4	0.4
80102R	REGINA, SASK. 3211 ALBERT STREET	244	****	0.1	0.5	1.1	1.8	0.1	0.3	0.5	0.5
80109C	1620 ALBERT STREET	178	----	0.2	0.6	1.3	1.3	0.1	0.4	0.6	0.6
80202C	SASKATOON, SASK. 4TH AVE. & 23RD ST.	0	----	-	-	-	-	-	-	-	-
80203R	PORTENAU LODGE	0	----	-	-	-	-	-	-	-	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	77	----	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	241	****	0.0	0.1	0.2	0.2	0.0	0.0	0.1	0.1
90109I	EDMONTON, ALTA. 149 ST. & 115 AVENUE	372	0.21	0.3	0.7	1.0	2.2	0.3	0.5	0.5	0.6
90118R	73 AVENUE & 95 STREET	372	0.12	0.2	0.4	0.6	1.0	0.1	0.3	0.4	0.4
90122R	127 ST. & 133 AVENUE	602	(1) 0.27	0.3	0.7	1.1	1.7	0.3	0.6	0.7	0.7
90123C	100 ST. & 102 AVENUE	357	0.18	0.2	0.5	0.7	1.1	0.2	0.3	0.4	0.4
90130C	10255 - 104TH STREET	744	(1) 0.29	0.3	0.7	1.1	1.3	0.3	0.5	0.6	0.6
90216R	CALGARY, ALTA. GLENMORE TRAIL & 18 ST.	344	****	0.1	0.3	0.4	0.6	0.1	0.2	0.2	0.2
90218I	BONNY BRK & 18A ST. S.E.	740	(1) 0.19	0.2	0.6	1.3	1.3	0.2	0.4	0.8	0.8
90219C	620-7TH AVENUE, S.W.	744	(1) 0.31	0.3	0.8	1.5	2.3	0.3	0.6	0.8	0.8
90222R	39 ST. & 29 AVE. N.W.	744	(1) 0.12	0.2	0.3	0.6	0.9	0.2	0.2	0.3	0.3
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	349	0.64	0.8	1.5	1.9	2.5	0.8	1.2	1.3	1.3
00106R	2294 WEST 10TH AVENUE	311	0.91	1.1	2.2	2.6	3.1	1.1	1.7	1.9	2.0
00108I	250 WEST 70TH AVENUE	344	0.79	1.0	1.7	2.2	3.0	0.9	1.3	1.6	1.7
00109C	970 BURRARD	0	----	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	5	----	0.5	0.7	0.7	0.7	-	-	-	-
00111I	ROCKY PT. PARK	160	----	0.7	1.0	1.2	1.4	0.6	0.7	0.8	0.8
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	0	----	-	-	-	-	-	-	-	-
00301C	VICTORIA, B.C. 625 FISGUARD ST.	372	0.51	0.6	1.6	2.7	3.1	0.6	1.0	1.4	1.4
00302C	1106 COOK ST.	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

----- 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.

JANUARY - JANVIER
1979

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
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	372	0.53	0.7	1.6	2.2	3.4	0.7	1.3	1.5	1.5

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

----- 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 METREJANUARY - JANVIER
1979PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	PARTICULATES / PARTICULES					MEAN MOYENNE	LEAD / PLOMB					MEAN MOYENNE
		DAY / JOUR						DAY / JOUR					
		3	9	15	21	27		3	9	15	21	27	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	-	42	-	-	-	-	-	0.3	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	22	25	35	-	27	-	0.1	0.0	0.1	-	0.1
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	36	51	72	33	25	43	0.1	0.1	0.1	0.0	0.0	0.1
30102R	DALHOUSIE UNIVERSITY	32	31	57	34	28	36	0.1	0.1	0.1	0.1	0.0	0.1
30114R	MT ST VINCENT UNIVERSITY	20	19	50	34	16	28	0.0	0.0	0.0	0.1	0.1	0.0
30115I	CFB SHEARWATER	22	26	49	26	9	26	0.0	0.0	0.0	0.0	0.0	0.0
30310C	SYDNEY, N.S. COUNTY JAIL	45	45	49	55	32	45	0.0	0.2	0.2	0.3	0.2	0.2
30311R	WHITNEY PIER FIRE STN.	232	340	250	128	21	194	0.2	0.4	0.9	0.2	0.1	0.4
30408R	GLACE BAY, N.S. SOUTH STREET	37	280	166	78	68	126	0.0	0.0	0.0	0.0	0.0	0.0
40102C	FREDERICTON, N.B. YORK STREET	41	34	28	40	19	32	0.2	0.7	0.1	0.4	0.3	0.3
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	62	49	73	70	35	58	0.2	0.3	0.2	0.1	0.3	0.2
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	51	60	33	71	54	-	0.6	0.6	0.3	1.7	0.8
50103R	POINTE-AUX-TREMBLES	-	75	33	53	41	51	-	0.3	0.2	0.2	1.3	0.5
50104C	1125 ONTARIO EST	35	44	34	24	58	39	-	-	-	-	-	-
50105C	1212 DRUMMOND	-	58	40	42	63	51	-	0.5	0.5	0.4	0.9	0.6
50106R	VILLE ST-LAURENT	-	44	48	111	23	57	-	0.6	0.6	1.0	0.3	0.6
50107R	VILLE LASALLE	-	190	-	28	-	-	-	4.2	-	0.2	-	-
50108R	1700 BOURASSA, LONGUEUIL	-	56	27	20	64	42	-	0.4	0.3	0.2	1.0	0.5
50109C	DUNCAN & DECARIE	-	148	101	97	197	136	-	1.6	1.4	0.4	2.9	1.6
50110C	PARC PILON, MTL.-NORD	-	26	-	50	42	39	-	0.2	-	0.3	1.3	0.6
50111C	2900 BOUL. CONCORDE	-	32	60	-	-	-	-	0.3	0.3	-	-	-
50112C	BOUL. LAURENTIDES	-	23	15	70	38	37	-	0.2	0.2	0.6	1.3	0.6
50113R	PIE X & CARDINAL	-	23	-	57	29	36	-	-	-	-	-	-
50115C	PEEL & MAISONNEUVE	70	70	59	42	217	92	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	31	61	44	28	63	45	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	21	34	26	6	14	20	0.3	0.3	0.3	0.1	0.2	0.2
50301C	QUEBEC, QUEBEC PARC-AUTOS PAQ.LALIBERTE	33	55	34	-	59	45	0.5	0.7	0.6	-	1.0	0.7
50302R	PARC BARDY	31	46	-	-	35	37	0.5	0.7	-	-	1.3	0.8
50303I	CENTRE LOISIRS LIMOILLOU	38	56	-	63	51	52	0.4	0.6	-	0.2	1.1	0.6
50304C	155 DORCHESTER SUD	32	52	37	-	-	40	0.3	0.6	0.4	-	-	0.4
50305R	MYRAND & ST-CYRILLE	22	35	25	-	30	28	0.1	0.1	0.1	-	0.4	0.2
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	-	22	-	-	21	-	-	0.4	-	-	1.0	-
50403C	WELLINGTON & ALBERT	-	21	31	-	-	-	-	0.6	0.3	-	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	-	39	24	51	52	42	-	0.3	0.2	0.4	0.3	0.3
50503C	222 RACINE	55	45	25	40	53	44	0.6	0.5	0.3	0.2	1.0	0.5
50601C	ROUYN, QUEBEC HOTEL DE VILLE	11	13	10	-	18	13	0.4	0.2	0.2	-	2.5	0.8
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	25	-	-	-	-	-	0.1	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	34	58	34	38	27	38	0.3	0.3	0.5	0.1	0.3	0.3
50901R	ARVIDA, QUEBEC POWELL & HOOPES	134	64	-	151	-	116	0.8	0.5	-	0.5	-	0.6
51002R	TRACY, QUEBEC GARNEAU & RTE 132	23	41	64	63	18	42	0.1	0.3	0.2	0.3	0.2	0.2
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	-	27	-	-	-	-	-	0.2	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	57	214	95	57	35	92	0.3	0.4	0.4	0.1	0.2	0.3
51301R	SAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	23	-	-	-	-	-	0.3	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	47	51	-	33	50	45	0.8	0.5	-	0.2	0.3	0.5
60104C	RIDEAU & WURTEMBERG	-	-	15	28	-	-	-	-	0.2	0.5	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

JANUARY - JANVIER
1979

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*--- PARTICULATES / PARTICULES ---*					MEAN MOYENNE	*--- LEAD / PLOMB ---*					MEAN MOYENNE
		--- DAY / JOUR ---						*--- DAY / JOUR ---*					
		3	9	15	21	27		3	9	15	21	27	
WINDSOR, ONT.													
60201I	MORTON TERMINAL DOCK	94	78	108	47	56	77	0.8	0.2	0.3	0.0	1.4	0.5
60202C	CITY HALL	49	80	75	29	41	55	0.7	0.6	-	0.1	0.4	0.5
60203R	TECUMSEH WATER WORKS	-	-	66	32	43	47	-	-	0.1	0.0	0.1	0.1
KINGSTON, ONT.													
60301R	QUEEN'S UNIVERSITY	-	-	-	23	28	-	-	-	-	0.2	0.2	-
TORONTO, ONT.													
60401C	67 COLLEGE STREET	97	96	-	43	35	68	0.5	0.6	-	0.3	0.6	0.5
60402R	DON MILLS, SCIENCE CNTR	56	77	47	24	38	48	0.2	0.5	0.3	0.0	0.4	0.3
60403I	EVANS & ARNOLD	85	81	75	57	57	71	0.2	1.1	0.3	0.4	2.1	0.8
60409R	REDLANDS CRESCENT	50	59	48	25	21	41	0.2	0.3	0.1	0.2	0.3	0.2
60410R	LAWRENCE & KENNEDY	128	104	93	39	54	84	0.4	0.6	0.3	0.2	0.6	0.4
60412R	BATHURST & WILSON	133	141	119	47	31	94	-	1.1	0.7	0.2	0.3	0.6
60413R	ELMCREST ROAD	67	39	40	38	29	43	0.0	0.0	0.0	0.1	0.4	0.1
60414I	SHERBOURNE & WILTON ST.	145	116	86	63	50	92	0.5	0.5	0.4	0.2	0.7	0.5
60415R	QUEENSWAY W & HURONTARIO	238	114	74	-	31	114	0.1	0.3	0.2	-	0.4	0.3
HAMILTON, ONT.													
60501C	BARTON & SANFORD	129	140	80	64	35	90	0.5	1.0	0.5	0.2	0.5	0.5
60503I	CHATHAM & FRID	214	103	51	34	34	87	0.3	0.4	0.2	0.2	0.4	0.3
60505R	NORTH PARK	-	200	214	57	57	132	-	1.0	1.2	0.5	1.6	1.1
SUDBURY, ONT.													
60602R	ASH STREET	-	17	-	-	16	-	-	-	-	-	-	-
60605C	19 LISGAR STREET	43	28	31	18	17	27	0.7	0.4	0.5	0.2	0.5	0.5
SAULT STE. MARIE, ONT.													
60705R	550 QUEEN STREET WEST	61	49	92	21	-	56	0.3	0.3	0.3	0.2	0.2	0.3
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	-	-	-	-	-	-	-	-	-	-	-	-
60806R	435 JAMES S.	-	-	-	-	-	-	-	-	-	-	-	-
LONDON, ONT.													
60901C	KING & RECTORY	38	91	33	28	-	48	0.3	0.4	1.0	0.8	-	0.6
60902C	372 DUNDAS	43	100	23	15	-	45	0.2	0.3	0.0	0.7	-	0.3
SARNIA, ONT.													
61004R	FRONT ST. AT C.N. TRACKS	85	56	-	51	23	54	-	-	-	-	-	-
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	40	59	-	17	-	39	0.2	0.5	-	0.2	-	0.3
CORNWALL, ONT.													
61201R	MEMORIAL PARK	-	-	41	-	-	-	-	-	-	-	-	-
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	38	40	34	19	26	31	0.0	0.0	0.0	0.3	0.6	0.2
BRANTFORD, ONT.													
61401C	DALHOUSIE & QUEEN	-	-	-	-	-	-	-	-	-	-	-	-
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	-	-	37	49	38	41	-	-	1.4	1.4	0.5	1.1
OAKVILLE, ONT.													
61601R	REBECCA & WOODSIDE	58	107	52	47	32	59	0.2	0.3	0.3	0.3	0.6	0.3
WINNIPEG, MAN.													
70102R	PORTAGE & WOODLAWN	-	-	-	17	22	-	-	-	-	0.4	0.8	-
70104I	UNION STOCK YARDS	67	96	141	19	-	81	0.3	0.7	0.9	0.1	-	0.5
70118R	JEFFERSON & SCOTIA	17	14	39	7	13	18	0.2	0.4	0.6	0.1	0.3	0.3
70119C	65 ELLEN STREET	37	43	61	15	24	36	0.5	0.9	0.9	0.2	0.4	0.6
BRANDON, MAN.													
70202R	12TH STREET & HILL AVE.	-	16	20	14	20	18	-	0.4	0.4	0.1	0.6	0.4
REGINA, SASK.													
80102R	3211 ALBERT STREET	10	13	42	11	19	19	0.1	0.3	0.5	0.1	0.7	0.3
80108C	12TH AVE. & SMITH ST.	13	17	44	15	16	21	0.1	0.4	0.8	0.2	0.4	0.4
80109C	1620 ALBERT STREET	-	-	-	-	-	-	-	-	-	-	-	-
SASKATOON, SASK.													
80202C	4TH AVE. & 23RD ST.	50	23	25	47	21	33	0.2	0.2	0.2	0.1	0.2	0.2
80203R	PORTENAU LODGE	32	34	97	50	52	53	0.0	0.2	0.3	0.1	0.4	0.2
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	14	11	48	10	5	18	0.1	0.1	0.5	0.1	0.1	0.2
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	-	-	-	-	-	-	-	-	-	-	-	-
EDMONTON, ALTA.													
90103R	146TH ST. & 92ND AVE.	18	22	33	-	24	24	0.4	0.6	0.4	-	0.3	0.4
90121I	17 STREET & 105 AVENUE	76	44	52	20	28	44	0.7	0.3	0.4	0.2	0.2	0.4
90122R	127 ST. & 133 AVENUE	36	27	52	19	33	33	0.7	0.7	0.8	0.4	0.5	0.6
90123C	100 ST. & 102 AVENUE	23	26	50	16	-	29	0.4	0.5	0.2	0.2	-	0.3
90130C	10255 - 104TH STREET	30	27	-	19	27	26	0.4	0.6	-	0.2	0.5	0.4

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

JANUARY - JANVIER
1979

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					MEAN MOYENNE	*----- LEAD / PLOMB -----*					MEAN MOYENNE
		----- DAY / JOUR -----						*----- DAY / JOUR -----*					
		3	9	15	21	27		3	9	15	21	27	
CALGARY, ALTA.													
90203R	407-31 AVENUE, N.W.	195	28	56	-	92	93	0.2	0.2	0.8	-	0.1	0.3
90204C	316-7TH AVENUE	22	44	74	78	53	54	0.4	0.3	0.9	0.3	0.2	0.4
90218I	BONNY BRK & 18A ST. S.E.	119	75	146	219	63	124	0.4	0.1	1.0	0.2	0.1	0.4
90222R	39 ST. & 29 AVE. N.W.	34	55	57	19	32	39	0.1	0.3	1.0	0.1	0.1	0.3
RED DEER, ALTA.													
90301C	4747 50TH STREET	26	18	36	20	24	25	0.3	0.2	0.5	0.3	0.2	0.3
MEDICINE HAT, ALTA.													
90401C	770 FIRST STREET, S.E.	41	42	53	34	45	43	0.2	0.2	0.3	0.1	0.2	0.2
LETHBRIDGE, ALTA.													
90501C	13 ST. & 9 AVENUE S.	37	38	69	28	71	49	0.2	0.4	0.3	0.1	0.4	0.3
YELLOWKNIFE, N.W.T.													
99001C	50TH AVE. & 49TH STREET	-	59	24	13	10	27	-	0.2	0.7	0.3	0.2	0.4
VANCOUVER, B.C.													
00102R	100 RICHMOND STREET	154	168	117	68	72	116	1.3	0.9	0.9	0.9	1.2	1.1
00104R	27TH & ONTARIO	136	186	123	48	43	107	1.9	1.5	1.0	0.5	0.6	1.1
00106R	2294 WEST 10TH AVENUE	156	203	124	47	51	116	2.9	1.5	1.1	0.5	0.7	1.3
00108I	250 WEST 70TH AVENUE	276	256	180	72	68	170	5.0	1.4	1.2	0.9	0.9	1.9
00109C	970 BURRARD	161	188	168	56	66	128	2.2	1.7	1.6	0.5	0.8	1.4
00110R	E. HASTINGS & KENSINGTON	121	194	125	40	36	103	1.5	1.2	1.3	0.3	0.5	1.0
00111I	ROCKY PT. PARK	98	138	77	84	46	89	1.4	0.8	0.6	0.8	0.6	0.9
PRINCE GEORGE, B.C.													
00201C	1306-7TH AVENUE	-	-	-	-	193	-	-	-	-	-	0.9	-
VICTORIA, B.C.													
00301C	625 FISGUARD ST.	100	-	-	79	55	78	0.3	-	-	1.1	0.8	0.7
00302C	1106 COOK ST.	96	64	62	89	58	74	0.3	0.5	0.7	1.4	0.8	0.7
KAMLOOPS, B.C.													
00401C	301 SEYMOUR ST.	96	92	43	44	75	70	2.1	1.4	0.8	0.7	1.6	1.3
WHITEHORSE, YUKON													
09001C	FEDERAL BUILDING	-	38	56	26	34	39	-	0.8	0.2	0.1	0.6	0.4

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2JANUARY - JANVIER
1979DIOXYDE DE SOUFRE ET
PARTICULES EN ASSOCIATION
1000*(MICROGRAMMES/METRE CUBE)**2

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		3	9	15	21	27
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	-	2	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	-	0	1	0
30115I	CFB SHEARWATER	0	-	0	1	0
30310C	SYDNEY, N.S. COUNTY JAIL	0	0	1	3	0
30311R	WHITNEY PIER FIRE STN.	9	12	11	3	0
30408R	GLACE BAY, N.S. SOUTH STREET	3	94	-	1	1
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	-	-	2	-
50103R	POINTE-AUX-TREMBLES	-	16	5	1	0
50104C	1125 ONTARIO EST	3	5	3	2	7
50105C	1212 DRUMMOND	-	8	5	4	10
50106R	VILLE ST-LAURENT	-	-	-	-	0
50107R	VILLE LASALLE	-	0	-	-	-
50109C	DUNCAN & DECARIE	-	7	-	-	-
50110C	PARC PILON, MTL.-NORD	-	1	-	3	2
50111C	2900 BOUL. CONCORDE	-	2	2	-	-
50112C	BOUL. LAURENTIDES	-	0	0	1	0
50113R	PIE X & CARDINAL	-	1	-	2	-
50115C	PEEL & MAISONNEUVE	8	11	7	4	21
50116R	3161 JOSEPH, VERDUN	1	5	2	2	7
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	1	1	1	0	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	1	3	-	4	4
50304C	155 DORCHESTER SUD	0	2	1	-	-
50305R	MYRAND & ST-CYRILLE	0	1	1	-	2
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	0	0	-	-
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	0	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	1	4	1	7	2
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	6	-	50	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	2	-	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	3	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	4	3	-	0	2
60104C	RIDEAU & WURTEMBERG	-	-	1	0	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	4	5	-	4	1
60401C	TORONTO, ONT. 67 COLLEGE STREET	2	10	-	0	0
60402R	DON MILLS, SCIENCE CNTR	2	5	2	1	0
60403I	EVANS & ARNOLD	1	3	1	0	0
60409R	REDLANDS CRESCENT	3	8	2	1	1
60410R	LAWRENCE & KENNEDY	0	3	1	0	0
60412R	BATHURST & WILSON	5	9	4	2	1
60413R	ELMCREST ROAD	1	2	1	1	0
60414I	SHERBOURNE & WILTON ST.	5	15	5	2	1
60415R	QUEENSWAY W & HURONTARIO	3	-	0	-	0
60501C	HAMILTON, ONT. BARTON & SANFORD	3	4	2	2	0
60505R	NORTH PARK	-	33	22	1	0
60602R	SUDBURY, ONT. ASH STREET	-	0	-	-	1
60705R	SAULT STE. MARIE, ONT. 550 QUEEN STREET WEST	0	1	4	0	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	-	-	-	-	-

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

JANUARY - JANVIER
1979

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		3	9	15	21	27
60901C	LONDON, ONT. KING & RECTORY	1	8	2	-	-
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	2	3	-	2	0
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	1	1	-	0	-
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	4	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	1	1	0	1
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	-	-	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	-	1	1	0
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	2	-	2	1	0
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	-	-	-	0	0
70104I	UNION STOCK YARDS	1	1	7	0	-
70118R	JEFFERSON & SCOTIA	0	0	1	0	-
70119C	65 ELLEN STREET	0	2	3	0	0
70202R	BRANDON, MAN. 12TH STREET & HILL AVE.	-	-	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	-	-	-	-	-
80202C	SASKATOON, SASK. 4TH AVE. & 23RD ST.	-	-	-	-	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	-	-	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	-	-	-	-	-
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	-	0	0	0	0
90122R	127 ST. & 133 AVENUE	0	0	0	0	-
90130C	10255 - 104TH STREET	0	0	-	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	-	-	1	0	0
90222R	39 ST. & 29 AVE. N.W.	0	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	-	13	6	0	2
00108I	250 WEST 70TH AVENUE	-	-	4	0	2
00109C	970 BURRARD	13	16	-	0	2
00110R	E. HASTINGS & KENSINGTON	7	9	3	1	1
00111I	ROCKY PT. PARK	3	2	0	0	0
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	-	-	-	-	-
00301C	VICTORIA, B.C. 625 FISGUARD ST.	-	-	-	-	-
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	3	0	0	0	1
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	-	-	-	-	-

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

JANUARY - JANVIER
1979

RETOMBÉES DE POUSSIÈRES
GRAMMES PAR MÈTRE CARRE PAR 30 JOURS
INDICES DE FORMATION DE SULFATE
MILLIGRAMMES PAR 100 CM2 PAR JOUR

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBÉES DE POUSSIÈRES	S03
SYDNEY, N.S.			
30301R	MURPHY ROAD	4.4	0.2 **
30309I	PT EDWARD, RICHMOND PLST	5.4	0.2 **
30310C	COUNTY JAIL	8.3	0.4 **
30311R	WHITNEY PIER FIRE STN.	50.2	0.7 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	35.6	0.9 **
30405C	GENERAL HOSPITAL	11.7	1.2 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	25.0	1.4 *
50102R	JARDIN BOTANIQUE	5.0	1.5 *
50103R	POINTE-AUX-TREMBLES	5.0	-
50106R	VILLE ST-LAURENT	5.0	1.5 *
50107R	VILLE LASALLE	18.0	1.3 *
TORONTO, ONT.			
60401C	67 COLLEGE STREET	2.3	0.6 *
60403I	EVANS & ARNOLD	5.7	0.6 *
60404R	5126 YONGE STREET	0.6	0.4 *
60405I	JOHN STREET PUMP STATION	5.1	0.7 *
60406R	ROSEHILL RESERVOIR	1.7	0.6 *
60408C	DANFORTH & ROBINSON	2.0	0.5 *
HAMILTON, ONT.			
60501C	BARTON & SANFORD	7.1	0.5 *
60502I	BURLINGTON & GAGE	8.7	0.7 *
60503I	CHATHAM & FRID	6.3	0.8 *
60507C	HUGHSON & HUNTER	4.6	0.6 *
60510I	STRATHEARN	19.1	0.9 *
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREE PUBLIC SCHOOL	0.9	0.2 *
60703I	BAYVIEW & YOUNG	7.7	0.6 *
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	-	- *
60802I	185 GORE STREET	-	- *
60805C	521 MEMORIAL AVENUE	-	- *
LONDON, ONT.			
60901C	KING & RECTORY	1.3	0.7 *
SARNIA, ONT.			
61001C	156 VICTORIA STREET	2.7	0.7 *
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	3.7	- **
70110C	KENNEDY & ST. MARY'S	3.2	-
70113I	WINDERMERE & ROCKMAN	2.4	- **
70115C	PORTAGE & MINTO	12.4	0.2 **
70116I	SMITH & KING	6.2	0.3 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	0.8	0.2 **
90126R	77 AVENUE & 85 STREET	1.0	0.1 **
90127I	115 AVENUE & 159 STREET	1.0	0.1 **
90128R	99 AVENUE & 160 STREET	0.4	0.1 **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	3.0	0.3 **
90221R	DALHOUSIE DR & DALHAM DR	0.7	0.2 **
90223C	11 ST. & 38 AVE. S.E.	1.0	0.3 **
90224I	OGDENDALE & 71 AVE S.E.	1.3	0.2 **
90225R	PALLISER DR & OAKWOOD SW	0.6	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	1.1	0.1 **

Environment Canada - Environnement Canada

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

TD 890 C325
NSDE

3408367H

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

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