



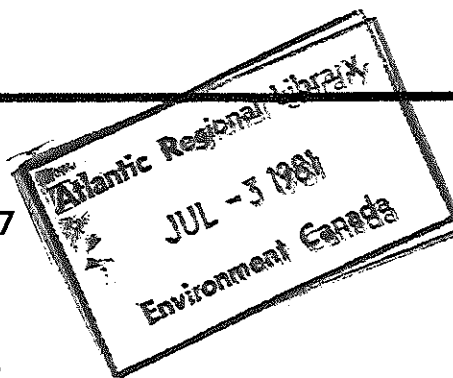
Fisheries and Environment
Canada

Environmental
Protection
Service

Pêches et Environnement
Canada

Service de la
protection de
l'environnement

Monthly Summary January 1977



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Dartmouth Env. Can. Lib./Bib.



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Environment Canada - Environnement Canada

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

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Surveillance Report
EPS 5-AP-78-1

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-78-1

Direction général de
l'assainissement de l'air

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONJANUARY - JANVIER
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	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	358	---	1	4	6	10	1	3	3	3				
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	---	-	-	-	-	-	-	-	-				
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	673	***	1	3	6	11	1	2	3	3				
30115I	CFB SHEARWATER	459	***	1	2	4	4	1	1	2	2				
30116C	BARRINGTON & DUKE	528	1.5	2	4	6	8	2	3	4	4				
30310C	SYDNEY, N.S. COUNTY JAIL	528	***	0	1	2	2	0	0	1	1				
30311R	WHITNEY PIER FIRE STN.	642	1.8	2	6	8	13	2	4	4	4				
40202C	SAINT JOHN, N.B. POST OFFICE	697	3.0	3	7	20	26	3	7	9	9				
50101R	MONTREAL, QUEBEC PARC JARRY	743	***	1	3	5	9	1	3	3	4				
50102R	JARDIN BOTANIQUE	744	***	1	2	3	4	1	2	2	2				
50103R	POINTE-AUX-TREMBLES	680	6.1	8	17	28	36	8	13	16	17				
50104C	1125 ONTARIO EST	583	3.8	4	9	16	23	5	8	12	13				
50105C	1212 DRUMMOND	670	6.3	8	11	16	22	7	11	12	12				
50106R	VILLE ST-LAURENT	728	***	0	1	2	4	0	0	0	0				
50107R	VILLE LASALLE	352	---	1	3	6	9	1	3	4	4				
50109C	DUNCAN & DECARIE	647	2.5	3	6	11	14	3	7	9	9				
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-				
50111C	2900 BOUL. CONCORDE	675	2.2	3	5	7	9	3	4	5	5				
50112C	BOUL. LAURENTIDES	631	1.2	1	3	6	8	1	3	5	5				
50113R	PIE X & CARDINAL	604	2.2	3	6	8	9	3	5	6	6				
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	680	3.6	4	9	12	15	4	7	8	9				
50304C	155 DORCHESTER SUD	666	4.1	4	15	29	54	4	15	19	20				
50305R	MYRAND & ST-CYRILLE	682	4.8	5	17	26	46	6	12	18	19				
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	---	-	-	-	-	-	-	-	-				
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	---	-	-	-	-	-	-	-	-				
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	652	1.1	1	3	5	9	1	2	4	4				
50901R	ARVIDA, QUEBEC POWELL & HOOPES	0	---	-	-	-	-	-	-	-	-				
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	744	***	0	2	3	5	1	1	2	2				
60101C	OTTAWA, ONT. 88 SLATER ST.	382	5.0	6	14	18	20	6	12	13	13				
60104C	RIDEAU & WURTEMBURG	633	2.6	3	6	9	14	3	6	7	7				
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	615	2.3	3	5	6	7	3	4	4	4				
60204C	471 UNIVERSITY AVENUE	700	2.8	4	7	9	11	4	5	5	6				
60211R	COLLEGE & PRINCE	690	2.6	3	6	9	17	3	5	5	6				
60302R	KINGSTON, ONT. NAPIER STREET	632	1.4	2	5	6	8	2	4	5	5				
60401C	TORONTO, ONT. 67 COLLEGE STREET	724	3.0	3	8	13	20	3	7	8	8				
60402R	DON MILLS, SCIENCE CNTR	722	1.4	1	4	8	10	1	4	5	5				
60403I	EVANS & ARNOLD	726	1.5	1	6	9	12	2	5	6	6				
60409R	REDLANDS CRESCENT	743	3.3	4	10	14	22	4	8	9	9				
60410R	LAWRENCE & KENNEDY	729	2.7	3	6	10	16	4	6	6	7				
60411R	PHARMACY & HWY 401	735	1.5	2	5	8	16	2	4	6	6				
60412R	BATHURST & WILSON	734	1.7	2	6	9	13	2	5	7	8				
60413R	ELMCREST ROAD	715	2.2	3	6	8	9	2	6	7	7				
60501C	HAMILTON, ONT. BARTON & SANFORD	731	2.6	3	6	9	11	3	6	7	8				
60505R	NORTH PARK	731	3.1	4	6	10	12	4	5	7	8				
60602R	SUDBURY, ONT. ASH STREET	723	2.2	2	10	23	47	3	8	10	11				
60606C	KENNEDY STREET	736	1.9	2	6	12	14	2	4	6	6				

*** CALCULATED MEANS ARE BELOW 10 PARTS PER BILLION.
LES MOYENNES SONT INFERIEURES A 10 PARTIES PAR BILLION.

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

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONJANUARY - JANVIER
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	628	***	1	2	3	14	1	2	2	2
60806R	THUNDER BAY, ONT. 435 JAMES S.	451	***	0	0	1	1	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	642	1.7	2	5	8	11	2	4	5	5
61001C	SARNIA, ONT. 156 VICTORIA STREET	735	2.9	2	10	15	22	4	6	10	11
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	324	---	2	5	6	10	2	4	4	5
61201R	CORNWALL, ONT. MEMORIAL PARK	716	2.7	3	7	10	11	3	6	7	8
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	613	2.2	3	5	7	9	2	5	5	5
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	741	1.6	2	4	7	9	2	4	6	6
61501C	KITCHENER, ONT. EDNA & FREDERICK	503	1.2	1	4	5	6	2	3	3	4
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	721	1.9	2	6	8	10	2	5	6	7
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	344	---	0	1	1	2	0	1	1	1
70102R	PORTAGE & WOODLAWN	505	***	0	0	1	1	0	0	0	0
70104I	UNION STOCK YARDS	81	---	1	1	2	2	1	1	1	1
70118R	JEFFERSON & SCOTIA	420	***	0	1	1	1	0	0	0	0
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	565	***	0	1	2	2	0	0	0	0
80108C	REGINA, SASK. 12TH & SMITH	280	---	0	0	3	7	0	1	1	1
80202C	SASKATOON, SASK. CITY LIBRARY	672	***	0	0	0	1	0	0	0	0
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	670	***	0	0	1	3	0	0	0	0
80401C	PRINCE ALBERT, SASK. 49-12TH STREET EAST	378	***	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	633	***	0	0	0	0	0	0	0	0
90122R	127 ST. & 133 AVENUE	744	***	0	0	0	0	0	0	0	0
90130C	10255 - 104TH STREET	677	***	0	0	1	1	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	568	***	0	0	0	0	0	0	0	0
90219C	620-7TH AVENUE, S.W.	682	***	0	0	1	5	0	0	1	1
90222R	39 ST. & 29 AVE. N.W.	682	***	0	0	1	2	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	88	---	1	2	2	2	1	1	1	1
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00109C	970 BURRARD	682	2.1	2	6	10	13	3	5	6	7
00110R	E. HASTINGS & KENSINGTON	682	2.6	3	7	11	16	3	7	8	8
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	427	1.3	2	7	9	10	2	4	6	6
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	661	***	1	2	2	3	1	1	1	2
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	137	---	0	8	8	8	1	4	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.

CARBON MONOXIDE
PARTS PER MILLIONJANUARY - JANVIER
1977MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS - MOYENNES				MEANS - MOYENNES			
				INTERVALS - INTERVALLES				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.	508	***	0	1	1	3	0	1	1	1	0	0	0	0
30116C	CFB SHEARWATER BARRINGTON & DUKE	667	1.3	2	4	7	12	2	4	6	7	1	3	4	4
50103R	MONTREAL, QUEBEC														
50104C	POINTE-AUX-TREMBLES	490	0.5	1	2	4	5	1	2	3	3	1	1	1	2
50110C	1125 ONTARIO EST	704	2.4	3	6	9	14	3	5	10	10	3	4	6	7
50111C	PARC PILON, MTL.-NORD	0	---	---	---	---	---	---	---	---	---	---	---	---	---
50111C	2900 BOUL. CONCORDE	667	1.1	1	3	6	11	1	3	5	7	1	2	4	4
50112C	BOUL. LAURENTIDES	346	---	1	3	5	7	1	2	3	4	1	2	2	2
50113R	PIE X & CARDINAL	0	---	---	---	---	---	---	---	---	---	---	---	---	---
50114C	677 STE-CATHERINE O.	328	---	6	10	13	17	6	9	12	13	5	8	8	8
50304C	QUEBEC, QUEBEC														
50304C	155 DORCHESTER SUD	700	2.1	2	7	10	14	3	6	8	9	3	5	5	6
60101C	OTTAWA, ONT.														
60101C	88 SLATER ST.	715	2.3	3	7	9	15	3	5	7	8	3	4	5	5
60104C	RIDEAU & WURTEMBERG	737	1.3	1	2	4	7	1	2	3	4	1	2	2	2
60204C	WINDSOR, ONT.														
60204C	471 UNIVERSITY AVENUE	463	3.1	4	5	7	8	4	5	6	6	4	4	4	5
60401C	TORONTO, ONT.														
60401C	67 COLLEGE STREET	738	2.0	2	4	5	9	2	3	5	5	2	3	4	4
60402R	DON MILLS, SCIENCE CNTR	739	1.5	2	2	3	5	2	2	3	3	2	2	3	3
60403I	EVANS & ARNOLD	738	1.3	2	3	4	7	2	3	4	4	2	2	3	3
60410R	LAWRENCE & KENNEDY	742	2.0	2	4	6	7	2	4	4	6	2	3	4	4
60411R	PHARMACY & HWY 401	741	1.7	2	4	6	8	2	3	5	5	2	3	4	4
60412R	BATHURST & WILSON	741	2.1	2	3	5	8	2	3	4	5	2	3	3	3
60413R	ELMCREST ROAD	741	1.0	1	2	3	5	1	1	3	3	1	2	2	2
60501C	HAMILTON, ONT.														
60501C	BARTON & SANFORD	729	1.0	1	3	4	7	1	2	3	3	1	2	2	2
60602R	SUDBURY, ONT.														
60602R	ASH STREET	694	1.1	1	3	7	10	1	3	6	6	1	3	3	3
60901C	LONDON, ONT.														
60901C	KING & RECTORY	575	1.9	2	5	9	13	2	5	6	8	2	4	5	6
61001C	SARNIA, ONT.														
61001C	156 VICTORIA STREET	739	2.5	3	4	5	5	3	4	4	5	3	3	4	4
61201R	CORNWALL, ONT.														
61201R	MEMORIAL PARK	696	1.1	1	2	3	4	1	2	2	3	1	2	2	2
61301C	ST. CATHARINES, ONT.														
61301C	NORTH ST. CITY YARD	740	1.9	2	3	6	12	2	3	4	4	2	3	3	3
61501C	KITCHENER, ONT.														
61501C	EDNA & FREDERICK	744	1.4	2	3	6	8	2	3	4	6	2	3	4	4
61601R	OAKVILLE, ONT.														
61601R	REBECCA & WOODSIDE	645	1.9	2	4	6	10	2	4	5	5	3	4	4	4
70101C	WINNIPEG, MAN.														
70101C	270 OSBORNE STREET	730	1.6	2	4	6	8	2	3	4	4	2	3	3	3
70102R	PORTAGE & WOODLAWN	622	1.0	1	3	4	6	1	2	3	3	1	2	2	2
70118R	JEFFERSON & SCOTIA	698	1.1	1	3	5	11	1	3	4	5	1	2	3	3
80108C	REGINA, SASK.														
80108C	12TH & SMITH	59	---	1	3	3	3	1	2	2	2	1	1	1	1
80202C	SASKATOON, SASK.														
80202C	CITY LIBRARY	741	1.4	2	4	4	9	2	3	4	4	2	2	3	3
90121I	EDMONTON, ALTA.														
90121I	17 STREET & 105 AVENUE	693	0.7	1	2	3	4	1	2	2	2	1	1	2	2
90122R	127 ST. & 133 AVENUE	710	1.5	2	5	8	23	2	4	7	7	2	3	4	4
90130C	10255 - 104TH STREET	743	2.0	3	5	7	9	3	4	5	5	3	3	4	4
90219C	CALGARY, ALTA.														
90219C	620-7TH AVENUE, S.W.	744	3.1	4	10	17	25	4	8	13	19	4	6	10	10
90222R	39 ST. & 29 AVE. N.W.	744	1.9	2	6	9	20	2	5	8	9	2	4	5	5
00106R	VANCOUVER, B.C.														
00106R	2294 WEST 10TH AVENUE	744	3.3	4	9	13	17	4	8	9	13	4	7	7	7
00108I	250 WEST 70TH AVENUE	730	3.0	4	8	11	20	3	7	9	10	4	6	7	7
00109C	970 BURRARD	743	3.4	4	8	11	16	4	7	9	9	4	6	7	7
00110R	E. HASTINGS & KENSINGTON	744	1.8	2	4	6	8	2	4	5	6	2	3	4	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
1977MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - INTERVALS - INTERVALLES				CENTILES - DISTRIBUTIONS DES FREQUENCES MEANS ----- MOYENNES							
				1-HOUR / 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.	741	2.2	3	8	12	23	3	6	8	10	3	4	5	5

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLIONJANUARY - JANVIER
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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
HALIFAX, N.S.											
301151	CFB SHEARWATER	678	***	1	2	2	3	1	2	2	2
30116C	BARRINGTON & DUKE	214	---	2	3	3	3	2	2	2	2
MONTREAL, QUEBEC											
50102R	JARDIN BOTANIQUE	725	1.7	2	4	5	7	2	3	3	3
50104C	1125 ONTARIO EST	741	3.0	3	4	8	9	3	4	6	6
50109C	DUNCAN & DECARIE	466	4.5	5	7	9	13	5	7	7	7
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50111C	2900 BOUL. CONCORDE	738	3.8	4	6	8	9	4	6	6	6
50112C	BOUL. LAURENTIDES	666	1.9	2	4	6	9	3	4	5	6
50113R	PIE X & CARDINAL	675	2.5	3	5	6	9	3	4	5	5
QUEBEC, QUEBEC											
50304C	155 DORCHESTER SUD	714	3.0	3	6	7	9	4	5	6	6
OTTAWA, ONT.											
60101C	88 SLATER ST.	0	---	-	-	-	-	-	-	-	-
60104C	RIDEAU & WURTEMBERG	441	2.7	3	5	6	8	3	4	5	5
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	688	3.7	4	6	7	8	4	5	5	5
TORONTO, ONT.											
60401C	67 COLLEGE STREET	741	3.4	4	5	6	8	4	5	5	6
60402R	DON MILLS, SCIENCE CNTR	736	2.3	3	4	5	7	3	3	4	5
60403I	EVANS & ARNOLD	734	3.0	3	4	6	6	3	4	5	5
60410R	LAWRENCE & KENNEDY	733	2.0	2	3	3	5	2	3	3	3
60411R	PHARMACY & HWY 401	736	3.8	4	5	8	9	4	5	7	7
60412R	BATHURST & WILSON	723	4.1	5	7	8	8	5	6	7	7
60413R	ELMCREST ROAD	740	2.0	3	4	6	11	3	4	5	5
HAMILTON, ONT.											
60501C	BARTON & SANFORD	743	5.6	7	8	9	10	6	8	8	8
60505R	NORTH PARK	676	4.6	5	7	8	9	5	6	7	7
SUDBURY, ONT.											
60602R	ASH STREET	739	1.6	2	4	5	6	2	3	3	3
LONDON, ONT.											
60901C	KING & RECTORY	735	3.2	4	6	8	9	4	6	6	6
SARNIA, ONT.											
51001C	156 VICTORIA STREET	736	3.1	4	6	6	7	4	5	5	6
CORNWALL, ONT.											
61201R	MEMORIAL PARK	724	2.0	2	4	6	8	2	4	5	5
ST. CATHARINES, ONT.											
61301C	NORTH ST. CITY YARD	740	2.7	3	4	5	17	3	4	4	5
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	741	3.1	4	5	6	7	4	5	5	5
OAKVILLE, ONT.											
61601R	REBECCA & WOODSIDE	689	2.6	3	5	6	7	3	4	5	5
WINNIPEG, MAN.											
70101C	270 OSBORNE STREET	677	3.6	4	13	22	30	4	11	12	12
70118R	JEFFERSON & SCOTIA	729	2.3	3	4	4	7	3	3	4	4
EDMONTON, ALTA.											
90122R	127 ST. & 133 AVENUE	743	1.9	3	5	6	7	2	4	4	4
90130C	10255 - 104TH STREET	736	4.4	5	7	8	12	5	6	6	6
CALGARY, ALTA.											
90219C	620-7TH AVENUE, S.W.	700	6.3	7	14	19	24	7	12	14	15
90222R	39 ST. & 29 AVE. N.W.	740	2.9	3	6	8	11	3	5	6	6
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00109C	970 BURRARD	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	0	---	-	-	-	-	-	-	-	-

*** CALCULATED MEANS ARE BELOW 10 PARTS PER BILLION.
LES MOYENNES SONT INFERIEURES A 10 PARTIES PAR BILLION.

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

OZONE
PARTS PER HUNDRED MILLIONJANUARY - JANVIER
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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
101151	HALIFAX, N.S.										
10116C	CFB SHEARMATHER BARRINGTON & DUKE	513 0	2.7 ---	3	4	5	6	3	4	5	5
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	744	0.9	1	3	3	3	1	2	3	3
50104C	POINTE-AUX-TREMBLES	735	1.4	2	3	4	4	2	3	3	3
50109C	1125 ONTARIO EST	735	***	0	1	1	2	0	1	1	1
50110C	DUNCAN & DECARIE	743	0.7	1	2	3	3	1	2	2	2
50111C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50112C	2900 BOUL. CONCORDE	387	1.2	2	4	5	5	1	3	4	4
50113R	BOUL. LAURENTIDES	744	1.5	2	3	4	4	2	3	4	4
50304C	PIE X & CARDINAL	0	---	-	-	-	-	-	-	-	-
60101C	QUEBEC, QUEBEC										
60104C	155 DORCHESTER SUD	738	1.2	2	3	4	4	2	3	3	3
60204C	OTTAWA, ONT.										
60401C	88 SLATER ST.	632	0.9	1	2	2	3	1	2	2	2
60413R	RIDEAU & WURTEMBURG	629	1.2	2	2	3	3	2	2	2	2
60401C	WINDSOR, ONT.										
60402R	471 UNIVERSITY AVENUE	740	0.8	1	3	3	4	1	2	2	2
60403I	TORONTO, ONT.										
60410R	67 COLLEGE STREET	740	0.8	1	2	3	3	1	2	2	2
60413R	DON MILLS, SCIENCE CNTR	730	***	1	1	1	1	1	1	1	1
60501C	EVANS & ARNOLD	734	0.6	1	2	2	3	1	1	2	2
60602R	LAWRENCE & KENNEDY	727	0.7	1	2	2	3	1	1	2	2
60901C	ELMCREST ROAD	735	1.1	2	2	3	3	2	2	2	2
61001C	HAMILTON, ONT.										
61201R	BARTON & SANFORD	738	1.1	2	2	3	3	1	2	2	2
61301C	SUDBURY, ONT.										
61501C	ASH STREET	0	---	-	-	-	-	-	-	-	-
61601R	LONDON, ONT.										
70101C	KING & RECTORY	740	1.1	2	2	3	3	1	2	2	2
70118R	SARNIA, ONT.										
90122R	156 VICTORIA STREET	591	1.0	2	2	3	3	2	2	2	2
90130C	CORNWALL, ONT.										
90219C	MEMORIAL PARK	737	1.4	2	2	3	3	2	2	2	2
90222R	ST. CATHARINES, ONT.										
90302C	NORTH ST. CITY YARD	737	1.3	2	2	3	3	2	2	2	2
90401C	KITCHENER, ONT.										
90501C	EDNA & FREDERICK	716	1.8	3	3	3	4	2	3	3	3
90601R	OAKVILLE, ONT.										
90701C	REBECCA & WOODSIDE	596	1.0	1	3	3	3	1	2	2	2
90801C	WINNIPEG, MAN.										
90901C	270 OSBORNE STREET	732	0.8	1	3	3	3	1	2	3	3
91001C	JEFFERSON & SCOTIA	695	1.8	3	4	4	4	2	4	4	4
91101C	EDMONTON, ALTA.										
91201C	127 ST. & 133 AVENUE	684	0.9	2	3	3	4	1	2	3	3
91301C	10255 - 104TH STREET	744	1.0	2	3	3	4	1	2	2	2
91401C	CALGARY, ALTA.										
91501C	620-7TH AVENUE, S.W.	739	0.5	1	2	2	3	1	1	1	1
91601C	39 ST. & 29 AVE. N.W.	744	1.4	2	3	4	4	2	2	3	3
91701C	VANCOUVER, B.C.										
91801C	2294 WEST 10TH AVENUE	656	***	0	1	1	2	0	0	1	1
91901C	250 WEST 70TH AVENUE	529	***	0	1	1	2	0	0	0	0
92001C	970 BURRARD	744	***	0	0	1	1	0	0	0	0
92101C	E. HASTINGS & KENSINGTON	672	***	0	2	2	2	0	1	2	2
92201C	VICTORIA, B.C.										
92301C	1106 COOK ST.	742	0.7	1	3	4	5	1	2	3	3

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.JANUARY - JANVIER
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		INTERVALS - INTERVALLES		MEANS - MOYENNES		MEANS - MOYENNES	
				2-HOUR / HEURES		2-HOUR / HEURES		24-HOUR / HEURES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
30114R	HALIFAX, N.S.										
30115I	MT ST VINCENT UNIVERSITY	370	****	0.1	0.2	0.3	0.6	0.1	0.1	0.2	0.2
30116C	CPB SHEARWATER	67	----	0.1	0.2	0.5	0.5	0.1	0.1	0.1	0.1
	BARRINGTON & DUKE	325	0.29	0.3	0.8	1.1	1.4	0.3	0.5	0.6	0.6
30310C	SYDNEY, N.S.										
30311R	COUNTY JAIL	371	0.26	0.3	0.9	1.6	1.8	0.3	0.6	0.7	0.7
	WHITNEY PIER FIRE STN.	372	0.45	0.6	1.5	2.3	6.2	0.6	0.9	1.1	1.1
40202C	SAINT JOHN, N.B.										
	POST OFFICE	327	0.18	0.2	0.4	0.5	0.6	0.2	0.3	0.4	0.5
50101R	MONTREAL, QUEBEC										
50102R	PARC JARRY	360	0.44	0.5	1.1	2.2	2.3	0.5	1.0	1.4	1.6
50103R	JARDIN BOTANIQUE	371	0.52	0.6	1.2	2.0	2.6	0.6	0.9	1.6	1.7
50104C	POINTE-AUX-TREMBLES	372	****	0.1	0.3	0.4	0.5	0.1	0.2	0.3	0.3
50105C	1125 ONTARIO EST	327	0.67	0.7	1.9	3.2	3.7	0.8	1.6	2.3	2.4
50106R	1212 DRUMMOND	372	0.73	0.8	1.3	2.1	2.2	0.7	1.1	1.5	1.5
50107R	VILLE ST-LAURENT	369	0.29	0.3	1.0	1.5	2.3	0.3	0.8	1.1	1.1
50108R	VILLE LASALLE	201	0.62	0.8	1.8	2.2	2.5	0.6	1.5	1.6	1.7
50109C	DUNCAN & DECARIE	365	0.55	0.7	1.2	2.0	2.8	0.7	1.1	1.6	1.6
50110C	PARC PILON, MTL.-NORD	0	----	-	-	-	-	-	-	-	-
50111C	2900 BOUL. CONCORDE	364	0.18	0.2	0.5	0.8	1.3	0.2	0.5	0.5	0.6
50112C	BOUL. LAURENTIDES	343	0.42	0.5	1.0	1.6	2.0	0.5	0.9	1.2	1.2
50113R	PIE X & CARDINAL	349	0.16	0.2	0.7	1.4	3.0	0.2	0.7	0.7	0.7
50303I	QUEBEC, QUEBEC										
50304C	CENTRE LOISIRS LIMOILLOU	372	0.10	0.2	0.5	0.7	1.4	0.1	0.3	0.4	0.4
	155 DORCHESTER SUD	371	0.39	0.4	1.3	1.7	2.1	0.5	0.9	1.0	1.1
50801R	TROIS-RIVIERES, QUEBEC										
	HART & STE-CECILE	372	0.53	0.7	1.4	2.6	3.1	0.7	1.0	1.1	1.1
51001R	TRACY, QUEBEC										
	3225 AVE COURSHESNE	0	----	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT.										
60102R	88 SLATER ST.	371	0.86	1.0	2.4	3.1	3.5	1.1	1.9	2.0	2.2
60103C	EXPERIMENTAL FARM	331	0.20	0.3	0.7	1.0	1.0	0.2	0.4	0.5	0.5
60104C	GILMOUR STREET	340	0.25	0.3	0.8	1.2	1.8	0.3	0.5	1.0	1.0
	RIDEAU & WURTEMBERG	147	----	0.3	0.7	0.9	0.9	0.4	0.5	0.5	0.5
60204C	WINDSOR, ONT.										
60211R	471 UNIVERSITY AVENUE	705	0.58	(1)	0.8	1.3	1.7	0.8	1.0	1.1	1.2
	COLLEGE & PRINCE	704	0.69	(1)	0.8	1.4	1.7	0.8	1.1	1.2	1.2
60302R	KINGSTON, ONT.										
	NAPIER STREET	372	****	0.1	0.2	0.3	0.4	0.1	0.1	0.1	0.2
60401C	TORONTO, ONT.										
60402R	67 COLLEGE STREET	732	0.49	(1)	0.5	1.0	1.6	0.5	1.0	1.2	1.2
60403I	DON MILLS, SCIENCE CNTR	733	0.52	(1)	0.6	1.1	1.4	0.6	1.0	1.3	1.3
60409R	EVANS & ARNOLD	726	0.62	(1)	0.7	1.3	2.0	0.7	1.2	1.6	1.7
60410R	REDLANDS CRESCENT	297	0.27	(1)	0.3	0.8	1.0	0.3	0.5	0.6	0.6
60411R	LAWRENCE & KENNEDY	732	0.41	(1)	0.5	0.9	1.1	0.5	0.8	0.9	0.9
60412R	PHARMACY & HWY 401	724	0.54	(1)	0.7	1.2	1.8	0.6	1.0	1.4	1.4
60413R	BATHURST & WILSON	724	0.60	(1)	0.7	1.4	1.8	0.7	1.3	1.4	1.4
	ELMCREST ROAD	310	0.31		0.4	0.9	1.3	0.3	0.7	1.0	1.0
60501C	HAMILTON, ONT.										
60505R	BARTON & SANFORD	731	0.64	(1)	0.8	1.3	1.6	0.8	1.1	1.3	1.4
	NORTH PARK	734	0.83	(1)	1.0	1.7	1.9	1.0	1.4	1.7	1.7
60602R	SUDBURY, ONT.										
	ASH STREET	716	****	(1)	0.1	0.3	0.7	0.1	0.3	0.3	0.3
60704C	SAULT STE. MARIE, ONT.										
	445 ALBERT STREET	337	0.18		0.2	0.5	0.7	0.2	0.3	0.4	0.4
60806R	THUNDER BAY, ONT.										
	435 JAMES S.	364	0.17		0.2	0.4	0.6	0.2	0.3	0.3	0.3
60901C	LONDON, ONT.										
60902C	KING & RECTORY	730	0.36	(1)	0.4	0.8	1.3	0.4	0.7	0.9	1.0
	372 DUNDAS	326	0.28		0.4	0.6	0.8	0.3	0.5	0.5	0.5
61001C	SARNIA, ONT.										
	156 VICTORIA STREET	738	0.37	(1)	0.5	0.8	1.0	0.5	0.7	0.7	0.7
61103C	PETERBOROUGH, ONT.										
	500 GEORGE STREET	321	0.23		0.3	0.7	0.9	0.3	0.5	0.6	0.7

(1) BASED ON 1-HOUR READINGS
DONNEES INITIALES D'UNE HEURE**** CALCULATED MEANS ARE BELOW 0.1
LES MOYENNES SONT INFERIEURES A 0.1---- INSUFFICIENT DATA FOR CALCULATION OF A VALID MEAN.
IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

JANUARY - JANVIER
1977

INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION EMPLACEMENT	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS -		INTERVALLES		MEANS		MOYENNES	
				2-HOUR /		HEURES		24-HOUR /		HEURES	
				70	95	99	MAX	70	95	99	MAX
61201R	CORNWALL, ONT. MEMORIAL PARK	372	0.21	0.2	0.6	1.0	1.2	0.2	0.5	0.6	0.7
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	371	0.30	0.4	0.8	1.0	1.5	0.3	0.5	0.6	0.6
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	372	0.34	0.4	0.9	1.2	1.4	0.4	0.6	0.7	0.7
61501C	KITCHENER, ONT. EDNA & FREDERICK	369	0.35	0.4	0.9	1.2	2.1	0.4	0.7	0.9	0.9
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	350	0.32	0.4	0.9	1.2	1.5	0.4	0.7	0.9	0.9
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	208	0.18	0.2	0.3	0.5	0.7	0.2	0.3	0.3	0.3
70102R	PORTAGE & WOODLAWN	320	0.13	0.2	0.3	0.3	0.4	0.2	0.2	0.3	0.3
70104I	UNION STOCK YARDS	30	----	0.4	0.8	0.9	0.9	0.4	0.5	0.5	0.5
70118R	JEFFERSON & SCOTIA	282	0.16	0.2	0.4	0.8	0.9	0.2	0.4	0.5	0.5
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	46	----	0.1	0.3	0.5	0.5	-	-	-	-
80102R	REGINA, SASK. 3211 ALBERT STREET	0	----	-	-	-	-	-	-	-	-
80108C	12TH & SMITH	235	****	0.1	0.2	0.3	0.5	0.1	0.1	0.1	0.2
80202C	SASKATOON, SASK. CITY LIBRARY	189	****	0.0	0.1	0.2	0.4	0.0	0.1	0.1	0.1
80203R	PORTENAU LODGE	82	----	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	335	****	0.1	0.2	0.4	0.5	0.1	0.1	0.2	0.2
80401C	PRINCE ALBERT, SASK. 49-12TH STREET EAST	324	0.14	0.1	0.4	0.7	1.7	0.2	0.3	0.4	0.4
90109I	EDMONTON, ALTA. 149 ST. & 115 AVENUE	371	0.12	0.1	0.4	0.7	1.4	0.2	0.2	0.3	0.3
90118R	73 AVENUE & 95 STREET	372	0.14	0.2	0.5	0.7	1.0	0.2	0.3	0.3	0.4
90122R	127 ST. & 133 AVENUE	657	0.18	(1)	0.3	0.5	0.8	0.2	0.4	0.5	0.5
90123C	100 ST. & 102 AVENUE	356	0.15	(1)	0.2	0.4	0.6	0.2	0.3	0.3	0.3
90130C	10255 - 104TH STREET	731	0.26	(1)	0.3	0.6	0.7	0.3	0.4	0.4	0.4
90216R	CALGARY, ALTA. GLENMORE TRAIL & 18 ST.	372	0.14	0.2	0.6	1.0	1.2	0.2	0.4	0.6	0.6
90218I	BONNY BRK & 18A ST. S.E.	737	0.53	(1)	0.6	1.4	2.6	0.6	1.0	1.4	1.5
90219C	620-7TH AVENUE, S.W.	744	0.22	(1)	0.3	0.7	1.1	0.3	0.5	0.7	0.7
90222R	39 ST. & 29 AVE. N.W.	744	0.15	(1)	0.2	0.5	0.8	0.2	0.3	0.5	0.5
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	372	0.30	0.4	0.8	1.2	1.4	0.4	0.5	0.6	0.6
00106R	2294 WEST 10TH AVENUE	343	0.88	1.1	1.9	2.7	3.1	1.1	1.5	1.8	1.8
00108I	250 WEST 70TH AVENUE	344	0.93	1.2	2.0	2.7	3.0	1.2	1.6	1.9	1.9
00109C	970 BURRARD	276	0.90	1.1	1.9	2.5	3.5	1.0	1.7	2.0	2.1
00110R	E. HASTINGS & KENSINGTON	338	0.69	1.0	1.6	2.0	2.3	0.8	1.4	1.5	1.5
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	0	----	-	-	-	-	-	-	-	-
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	372	0.63	0.7	1.6	2.3	2.5	0.7	1.0	1.3	1.3
00302C	1106 COOK ST.	295	0.32	0.4	0.9	1.4	1.6	0.4	0.6	0.7	0.7
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	301	0.42	0.5	1.4	2.0	3.4	0.5	0.8	1.4	1.5

(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 METREJANUARY - JANVIER
1977PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*							*----- LEAD / PLOMB -----*						
		----- DAY / JOUR -----						MEAN	*----- DAY / JOUR -----*						MEAN
		1	7	13	19	25	31	MOYENNE	1	7	13	19	25	31	MOYENNE
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	-	21	-	52	-	-	-	-	0.1	-	0.7	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	23	30	17	-	4	27	20	0.2	0.7	0.3	-	0.3	0.2	0.3
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	43	34	-	-	27	-	35	0.2	0.2	-	-	0.1	-	0.2
30102R	DALHOUSIE UNIVERSITY	16	63	34	18	16	43	32	0.1	0.3	0.4	0.4	0.1	0.3	0.3
30114R	MT ST VINCENT UNIVERSITY	14	28	39	14	16	30	24	0.0	0.2	0.2	0.2	0.2	0.2	0.2
30115I	CFB SHEARWATER	15	23	-	-	14	-	17	0.0	0.1	-	-	0.0	-	0.0
30310C	SYDNEY, N.S. COUNTY JAIL	24	50	54	45	21	118	52	0.3	0.1	0.3	0.8	0.6	1.6	0.6
30311R	WHITNEY PIER FIRE STN.	63	33	103	74	76	-	70	0.5	0.3	0.5	0.7	0.2	-	0.5
40102C	FREDERICTON, N.B. YORK STREET	16	38	23	48	28	31	31	0.2	0.8	1.0	2.8	1.3	0.8	1.1
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	-	43	-	-	36	110	63	-	0.3	-	-	0.1	0.4	0.3
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50101R	MONTREAL, QUEBEC PARC JARRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50102R	JARDIN BOTANIQUE	50	82	107	77	143	52	85	0.6	2.1	1.9	1.3	2.4	0.6	1.5
50103R	POINTE-AUX-TREMBLES	59	67	3	66	91	101	65	0.3	1.1	1.3	0.5	2.0	0.3	0.9
50104C	1125 ONTARIO EST	-	63	67	35	139	33	67	-	-	-	-	-	-	-
50105C	1212 DRUMMOND	-	106	96	57	182	-	110	-	-	-	-	-	-	-
50106R	VILLE ST-LAURENT	32	135	63	38	192	38	83	0.7	2.7	2.0	1.0	3.3	0.6	1.7
50107R	VILLE LASALLE	-	-	-	47	153	104	101	-	-	-	0.7	2.5	0.3	1.1
50108R	1700 BOURASSA, LONGUEUIL	29	59	59	32	107	36	54	0.4	1.5	1.5	0.7	1.8	0.3	1.0
50109C	DUNCAN & DECARIE	65	137	71	72	197	80	104	1.0	3.0	3.4	1.0	3.5	1.0	2.2
50110C	PARC PILON, MTL.-NORD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50111C	2900 BOUL. CONCORDE	37	35	70	60	52	24	46	0.3	0.6	1.7	0.6	0.6	0.3	0.7
50112C	BOUL. LAURENTIDES	51	67	47	31	65	82	57	0.5	0.9	2.3	0.8	1.1	0.5	1.0
50113R	PIE X & CARDINAL	21	32	27	15	81	4	30	0.1	0.5	0.7	0.3	0.8	0.2	0.4
50301C	QUEBEC, QUEBEC PARC-AUTOS FAQ.LALIBERTE	36	25	66	62	71	29	48	-	-	-	-	-	-	-
50302R	PARC BARDY	33	33	62	49	40	9	38	-	-	-	-	-	-	-
50303I	CENTRE LOISIRS LIMOILLOU	32	142	56	52	75	19	63	-	-	-	-	-	-	-
0304C	155 DORCHESTER SUD	27	35	51	46	79	12	42	-	-	-	-	-	-	-
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	-	25	-	-	-	24	-	-	-	-	-	-	-	-
50403C	WELLINGTON & ALBERT	-	19	39	18	42	32	30	-	-	-	-	-	-	-
50501C	CHICOUTIMI, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50502R	USINE DE FILTRATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	29	39	54	38	71	53	47	-	-	-	-	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51002R	TRACY, QUEBEC GARNEAU & RTE 132	21	50	134	62	75	26	61	0.1	1.2	1.5	0.4	0.6	0.1	0.6
60101C	OTTAWA, ONT. 88 SLATER ST.	47	60	61	70	88	40	61	0.2	0.9	2.3	0.8	1.8	0.5	1.1
60104C	RIDEAU & WURTEMBURG	20	43	46	14	83	54	43	-	-	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	30	74	-	52	-	64	55	0.2	0.5	-	0.3	-	0.3	0.3
60202C	CITY HALL	43	56	91	32	66	112	67	0.5	0.7	0.9	0.6	0.6	0.7	0.7
60203R	TECUMSEH WATER WORKS	42	60	72	34	43	69	53	0.4	0.7	0.6	0.4	0.4	0.4	0.5
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	82	30	22	14	37	17	34	0.0	0.3	0.2	0.1	0.4	0.1	0.2
60401C	TORONTO, ONT. 67 COLLEGE STREET	33	59	49	30	66	53	48	-	-	-	-	-	-	-
60402R	DON MILLS, SCIENCE CNTR	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	76	102	63	88	40	53	70	-	1.9	1.0	-	0.2	0.5	0.9
60409R	REDLANDS CRESCENT	-	54	31	17	33	45	36	-	0.4	0.3	0.3	0.4	0.4	0.4
60410R	LAWRENCE & KENNEDY	67	98	81	59	113	77	83	-	-	-	-	-	-	-
60411R	PHARMACY & HWY 401	157	231	62	179	97	76	134	2.9	4.2	1.1	3.5	2.1	0.5	2.4
60412R	BATHURST & WILSON	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60413R	ELMCREST ROAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60501C	HAMILTON, ONT. BARTON & SANFORD	50	83	47	27	32	40	47	-	-	-	0.6	-	-	-
60503I	CHATHAM & FRID	58	73	59	38	56	84	61	-	-	-	-	0.5	-	-
60505R	NORTH PARK	161	222	216	148	-	161	182	1.4	1.6	1.9	1.2	-	0.3	1.3

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

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*							*----- LEAD / PLOMB -----*						
		----- DAY / JOUR -----						MEAN	*----- DAY / JOUR -----*						MEAN
		1	7	13	19	25	31	MOYENNE	1	7	13	19	25	31	MOYENNE
60602R	SUDBURY, ONT. ASH STREET	11	34	65	-	23	-	33	0.1	1.0	1.0	-	-	-	0.7
60605C	19 LISGAR STREET	15	49	83	21	20	-	38	0.3	1.8	1.6	0.7	0.5	-	1.0
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	-	29	24	25	28	24	26	-	0.8	-	0.5	0.4	0.2	0.5
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	15	15	51	48	22	20	29	0.2	0.6	1.3	1.2	0.6	0.1	0.7
60806R	435 JAMES S.	-	18	52	53	19	-	36	-	-	-	-	-	-	-
60901C	LONDON, ONT. KING & RECTORY	19	48	60	15	-	-	36	-	0.6	-	0.4	-	-	-
60902C	372 DUNDAS	23	68	45	-	-	-	45	0.0	1.0	0.5	-	-	-	0.5
61001C	SARNIA, ONT. 156 VICTORIA STREET	-	-	-	60	40	-	-	-	-	-	1.0	0.7	-	-
61102C	PETERBOROUGH, ONT. 139 GEORGE STREET	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	29	15	50	47	102	55	50	-	-	-	-	1.5	0.3	-
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	291	55	64	29	-	-	110	-	-	-	-	-	-	-
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	30	-	62	35	65	78	54	-	-	-	-	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	41	-	30	14	33	32	30	-	-	-	-	-	-	-
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	24	34	-	20	42	31	30	-	0.3	-	0.2	0.4	0.2	0.3
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	30	47	65	34	29	27	39	0.3	1.1	0.8	0.7	0.4	1.5	0.8
70102R	PORTAGE & WOODLAWN	22	50	40	27	25	16	30	0.3	1.2	0.6	0.4	0.3	0.1	0.5
70104I	UNION STOCK YARDS	82	80	-	124	33	140	92	0.2	1.2	-	0.5	0.2	0.6	0.5
70118R	JEFFERSON & SCOTIA	27	46	28	26	26	15	28	0.2	1.0	0.3	0.3	0.2	0.2	0.4
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	21	27	47	17	22	20	26	0.2	0.6	0.6	0.2	0.1	0.4	0.3
80102R	REGINA, SASK. 3211 ALBERT STREET	23	12	57	13	26	17	25	0.2	0.3	0.2	0.2	0.2	0.2	0.2
80108C	12TH & SMITH	26	50	48	18	37	22	34	0.4	0.3	0.3	0.3	0.3	0.5	0.4
80202C	SASKATOON, SASK. CITY LIBRARY	34	37	26	44	52	49	40	0.3	0.4	0.5	0.5	0.3	0.1	0.3
80203R	PORTENAU LODGE	48	23	29	23	26	41	32	0.3	0.1	0.3	0.2	0.1	0.3	0.2
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	29	26	17	32	44	29	30	0.2	0.2	0.2	0.2	0.2	0.3	0.2
80401C	PRINCE ALBERT, SASK. 49-12TH STREET EAST	-	16	40	18	16	31	24	-	0.4	0.8	0.6	0.2	0.4	0.5
90103R	EDMONTON, ALTA. 146TH ST. & 92ND AVE.	25	58	49	42	51	47	45	0.1	0.3	0.3	0.7	1.0	0.2	0.4
90121I	17 STREET & 105 AVENUE	13	27	42	43	46	32	34	0.0	0.1	0.1	0.3	0.2	0.1	0.1
90122R	127 ST. & 133 AVENUE	26	32	19	46	55	43	37	0.1	0.2	0.2	0.6	0.4	0.3	0.3
90123C	100 ST. & 102 AVENUE	31	64	48	100	-	72	63	0.1	0.3	0.4	1.0	-	0.2	0.4
90130C	10255 - 104TH STREET	25	44	53	49	145	44	60	0.1	0.5	0.3	0.5	0.5	0.2	0.4
90203R	CALGARY, ALTA. 407-31 AVENUE, N.W.	38	25	45	46	70	108	55	0.2	0.1	0.2	0.6	0.6	1.2	0.5
90204C	316-7TH AVENUE	46	-	40	54	125	108	75	0.2	-	0.4	0.8	0.4	1.2	0.6
90218I	BONNY BRK & 18A ST. S.E.	29	-	80	65	94	89	71	0.1	-	0.0	0.1	0.3	0.9	0.3
90222R	39 ST. & 29 AVE. N.W.	73	77	27	24	35	52	48	0.2	0.1	0.1	0.1	0.1	0.2	0.1
90301C	RED DEER, ALTA. 4747 50TH STREET	14	22	30	20	22	38	24	0.0	0.2	0.2	0.5	0.5	0.2	0.3
90401C	MEDICINE HAT, ALTA. 770 FIRST STREET, S.E.	81	48	48	32	56	49	52	0.2	0.1	0.1	0.2	0.0	0.2	0.1
90501C	LETHBRIDGE, ALTA. 13 ST. & 9 AVENUE S.	22	33	36	32	43	-	33	0.0	0.1	0.1	0.1	0.0	-	0.1
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 51ST STREET	-	-	-	-	60	29	-	-	-	-	-	0.5	0.1	-
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	58	179	74	177	172	64	121	0.8	3.0	0.8	2.4	2.7	0.4	1.7
00104R	27TH & ONTARIO	96	164	55	116	151	55	106	1.6	2.3	1.3	2.5	2.8	1.2	1.9
00106R	2294 WEST 10TH AVENUE	79	123	67	101	170	57	100	1.2	3.1	1.6	2.3	3.3	1.5	2.2
00108I	250 WEST 70TH AVENUE	113	152	99	159	223	121	145	1.6	4.0	1.8	3.2	4.7	1.2	2.8
00109C	970 BURRARD	95	147	77	144	202	53	120	1.7	3.5	1.5	2.8	3.8	1.5	2.5
00110R	E. HASTINGS & KENSINGTON	61	85	52	76	108	37	70	0.8	1.6	0.6	1.2	1.5	0.4	1.0

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

JANUARY - JANVIER
1977

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*							*----- LEAD / PLOMB -----*						
		----- DAY / JOUR -----						MEAN	*----- DAY / JOUR -----*						MEAN
		1	7	13	19	25	31	MOYENNE	1	7	13	19	25	31	MOYENNE
00201C	PRINCE GEORGE, B.C.														
	1306-7TH AVENUE	18	79	-	-	-	-	-	0.1	3.7	-	-	-	-	-
00301C	VICTORIA, B.C.														
	POLICE STATION, FISGUARD	39	93	50	56	92	60	65	0.4	1.8	1.1	0.8	1.4	1.0	1.1
00302C	1106 COOK ST.	50	90	49	63	93	58	67	0.6	2.1	1.1	1.0	1.7	0.9	1.2
09001C	WHITEHORSE, YUKON														
	FEDERAL BUILDING	23	22	22	29	-	23	24	0.1	0.4	0.1	0.4	-	0.6	0.3

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

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1977

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*					
		1	7	13	19	25	31
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	-	-	1	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	-	-	-	-	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	1	1	0	0	1
30115I	CFB SHEARWATER	-	-	-	-	0	-
30310C	SYDNEY, N.S. COUNTY JAIL	0	0	0	0	-	2
30311R	WHITNEY PIER FIRE STN.	4	1	4	7	3	-
50101R	MONTREAL, QUEBEC PARC JARRY	-	-	-	-	-	-
50102R	JARDIN BOTANIQUE	1	0	1	2	1	1
50103R	POINTE-AUX-TREMBLES	21	4	0	17	9	21
50104C	1125 ONTARIO EST	-	-	11	3	46	2
50105C	1212 DRUMMOND	-	15	26	5	56	-
50106R	VILLE ST-LAURENT	0	0	1	0	0	0
50107R	VILLE LASALLE	-	-	-	1	-	6
50109C	DUNCAN & DECARIE	2	15	7	5	29	3
50110C	PARC PILON, MTL.-NORD	-	-	-	-	-	-
50111C	2900 BOUL. CONCORDE	1	3	7	3	6	1
50112C	BOUL. LAURENTIDES	1	1	2	-	7	1
50113R	PIE X & CARDINAL	-	3	3	1	12	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	2	14	7	8	5	1
50304C	155 DORCHESTER SUD	1	18	3	4	37	0
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	0	3	2	2	2	1
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	-	-	-	24	10	2
60104C	RIDEAU & WURTEMBERG	1	3	8	1	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	-	3	-	-	-	3
60401C	TORONTO, ONT. 67 COLLEGE STREET	1	3	3	1	7	6
60402R	DON MILLS, SCIENCE CNTR	-	-	-	-	-	-
60403I	EVANS & ARNOLD	1	3	3	0	2	1
60409R	REDLANDS CRESCENT	-	4	4	1	4	6
60410R	LAWRENCE & KENNEDY	4	5	6	2	10	7
60411R	PHARMACY & HWY 401	3	4	3	5	5	2
60412R	BATHURST & WILSON	-	-	-	-	-	-
60413R	ELMCREST ROAD	-	-	-	-	-	-
60501C	HAMILTON, ONT. BARTON & SANFORD	1	4	3	2	3	2
60505R	NORTH PARK	8	14	25	12	-	13
60602R	SUDBURY, ONT. ASH STREET	0	1	13	-	0	-
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	-	1	1	0	0	0
60806R	THUNDER BAY, ONT. 435 JAMES S.	-	-	-	-	0	-
60901C	LONDON, ONT. KING & RECTORY	1	1	6	0	-	-
61001C	SARNIA, ONT. 156 VICTORIA STREET	-	-	-	1	2	-
61201R	CORNWALL, ONT. MEMORIAL PARK	2	3	4	3	12	-
61301C	ST. CATHARINES, ONT. NORTH ST. CITY YARD	8	2	4	-	-	-
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	0	-	4	1	3	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	1	-	-	0	1	1

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

JANUARY - JANVIER
1977

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*					
		1	7	13	19	25	31
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	0	1	-	0	3	1
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	-	-	1	0	-	0
70102R	PORTAGE & WOODLAWN	0	0	-	-	0	0
70104I	UNION STOCK YARDS	2	-	-	-	-	-
70118R	JEFFERSON & SCOTIA	-	-	-	-	0	0
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	-	0	0	0	0	0
80108C	REGINA, SASK. 12TH & SMITH	0	0	0	-	-	-
80202C	SASKATOON, SASK. CITY LIBRARY	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	0	0	0	0	0	0
80401C	PRINCE ALBERT, SASK. 49-12TH STREET EAST	-	-	-	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	0	0	0	0
90122R	127 ST. & 133 AVENUE	0	0	0	0	0	0
90130C	10255 - 104TH STREET	0	0	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	-	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	0	0	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	-	-	-	-	-	2
00108I	250 WEST 70TH AVENUE	-	-	-	-	-	-
00109C	970 BURRARD	5	10	4	7	25	4
00110R	E. HASTINGS & KENSINGTON	4	6	2	4	8	1
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	0	3	-	-	-	-
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	0	3	-	0	3	1
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	-	-	-	-	-

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

JANUARY - JANVIER
1977

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	2.0	0.2 **
30309I	PT EDWARD, RICHMOND PLST	7.3	0.2 **
30310C	COUNTY JAIL	6.8	0.6 **
30311R	WHITNEY PIER FIRE STN.	25.1	0.3 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	6.7	0.3 **
30405C	GENERAL HOSPITAL	5.7	1.1 **
30406R	PUMPING STATION ROAD	4.2	0.1 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	3.0	1.5 *
50102R	JARDIN BOTANIQUE	5.0	1.7 *
50103R	POINTE-AUX-TREMBLES	6.0	- *
50106R	VILLE ST-LAURENT	5.0	1.0 *
50107R	VILLE LASALLE	6.0	0.9 *
OTTAWA, ONT.			
60101C	88 SLATER ST.	6.1	-
60102R	EXPERIMENTAL FARM	1.8	-
60103C	GILMOUR STREET	0.0	-
WINDSOR, ONT.			
60201I	MORTON TERMINAL DOCK	2.3	-
60202C	CITY HALL	6.5	-
60203R	TECUMSEH WATER WORKS	1.6	-
60209R	E. C. ROWE & JEFFERSON	3.4	-
TORONTO, ONT.			
60401C	67 COLLEGE STREET	1.9	1.0 *
60403I	EVANS & ARNOLD	3.2	0.7 *
60404R	5126 YONGE STREET	1.7	0.7 *
60405I	JOHN STREET PUMP STATION	7.3	1.4 *
60406R	ROSEHILL RESERVOIR	3.4	1.2 *
60408C	DANFORTH & ROBINSON	3.1	1.1 *
HAMILTON, ONT.			
60501C	BARTON & SANFORD	6.3	- *
60502I	BURLINGTON & GAGE	4.7	0.9 *
60503I	CHATHAM & FRID	4.0	1.2 *
60507C	HUGHSON & HUNTER	5.7	0.8 *
60510I	STRATHEARN	9.7	1.7 *
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	0.8	0.2 *
60703I	BAYVIEW & YOUNG	6.7	0.2 *
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	0.7	0.2 *
60802I	185 GORE STREET	-	0.2 *
60805C	521 MEMORIAL AVENUE	1.0	0.1 *
LONDON, ONT.			
60901C	KING & RECTORY	0.4	0.9 *
SARNIA, ONT.			
61001C	156 VICTORIA STREET	1.6	1.5 *
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	3.2	- **
70110C	KENNEDY & ST. MARY'S	6.0	-
70113I	WINDERMERE & ROCKMAN	2.3	0.1 **
70115C	PORTAGE & MINTO	6.4	0.2 **
70116I	SMITH & KING	6.0	0.5 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	3.1	0.3 **
90126R	77 AVENUE & 85 STREET	2.4	0.2 **
90127I	115 AVENUE & 159 STREET	4.6	0.2 **
90128R	99 AVENUE & 160 STREET	2.0	0.2 **
90129I	101 AVENUE & 17 STREET	-	- **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	2.7	- **
90221R	DALHOUSIE DR & DALHAM DR	0.9	0.2 **
90223C	11 ST. & 38 AVE. S.E.	1.2	0.2 **
90224I	OGDENDALE & 71 AVE S.E.	1.1	0.2 **
90225R	PALLISER DR & OAKWOOD SW	-	- **
90226I	SHEPPARD & 84 AVE S.E.	0.6	0.2 **

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

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