



Fisheries and Environment
Canada

Environmental
Protection
Service

Pêches et Environnement
Canada

Service de la
protection de
l'environnement

Monthly Summary November 1977

National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

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Surveillance Report
EPS 5-AP-78-11

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-78-11

Direction général de
l'assainissement de l'air

TD
890
C325
78-11

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONNOVEMBER - NOVEMBRE
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		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	620	1.3	2	4	6	7	2	3	4	5
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	606	***	1	3	5	9	1	2	4	4
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	659	***	1	2	3	5	0	1	2	2
30115I	CFB SHEARWATER	635	1.7	2	7	20	48	2	5	11	12
30116C	BARRINGTON & DUKE	624	1.1	2	4	5	7	1	3	3	4
30310C	SYDNEY, N.S. COUNTY JAIL	612	***	0	1	1	2	0	0	1	1
30311R	WHITNEY PIER FIRE STN.	474	1.9	3	5	9	17	3	4	4	5
40202C	SAINT JOHN, N.B. POST OFFICE	683	2.5	3	7	12	19	3	5	7	8
50101R	MONTREAL, QUEBEC PARC JARRY	660	1.3	2	3	4	7	2	3	3	3
50102R	JARDIN BOTANIQUE	661	2.3	2	7	10	18	3	6	6	7
50103R	POINTE-AUX-TREMBLES	660	2.4	2	11	16	45	3	6	7	8
50104C	1125 ONTARIO EST	720	1.2	1	3	5	8	1	3	4	4
50105C	1212 DRUMMOND	720	3.1	3	7	10	14	3	7	8	9
50106R	VILLE ST-LAURENT	550	***	0	0	0	0	0	0	0	0
50107R	VILLE LASALLE	594	***	0	2	4	5	0	1	2	2
50109C	DUNCAN & DECARIE	599	***	1	2	3	3	1	1	2	2
50110C	PARC PILON, MTL.-NORD	594	***	1	4	8	11	1	3	4	4
50111C	2900 BOUL. CONCORDE	521	1.1	1	4	9	14	1	3	4	4
50112C	BOUL. LAURENTIDES	0	---	---	---	---	---	---	---	---	---
50113R	PIE X & CARDINAL	627	1.1	1	3	6	14	1	3	4	4
50115C	PEEL & MAISONNEUVE	293	---	4	8	11	13	4	7	8	8
50203R	HULL, QUEBEC GAMELIN & JOFFRE	475	***	1	3	3	4	1	2	2	3
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	640	5.9	6	20	29	52	7	15	18	20
50304C	155 DORCHESTER SUD	660	1.8	2	7	13	33	2	5	6	7
50305R	MYRAND & ST-CYRILLE	635	1.5	2	5	10	31	2	4	8	8
50601C	ROUYN, QUEBEC HOTEL DE VILLE	581	***	0	3	10	30	0	3	6	6
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	656	***	0	1	2	4	0	1	1	1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	648	3.6	3	11	24	51	4	10	20	21
50901R	ARVIDA, QUEBEC POWELL & HOOPEES	659	3.8	3	17	20	22	6	12	15	16
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	659	***	1	3	9	25	1	3	3	4
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	474	2.8	2	11	17	45	3	6	11	13
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	615	2.1	1	10	36	51	1	9	15	16
60101C	OTTAWA, ONT. 88 SLATER ST.	655	***	1	2	5	7	1	2	4	4
60104C	RIDEAU & WURTEMBERG	713	***	1	3	6	8	1	2	5	5
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	617	1.2	2	4	5	6	2	3	4	4
60204C	471 UNIVERSITY AVENUE	679	2.0	3	5	6	9	3	4	5	5
60211R	COLLEGE & PRINCE	700	1.0	1	3	5	7	1	2	3	3
60302R	KINGSTON, ONT. NAPIER STREET	704	***	0	1	5	9	0	1	4	4
60401C	TORONTO, ONT. 67 COLLEGE STREET	683	1.1	2	4	5	7	2	3	4	4
60402R	DON MILLS, SCIENCE CNTR	675	***	0	1	2	6	1	1	2	2
60403I	EVANS & ARNOLD	661	***	0	2	3	8	0	2	2	2
60409R	REDLANDS CRESCENT	717	***	1	3	4	5	1	3	3	3
60410R	LAWRENCE & KENNEDY	665	***	1	3	4	6	1	3	3	3
60411R	PHARMACY & HWY 401	676	***	1	3	7	11	1	3	4	5
60412R	BATHURST & WILSON	652	1.6	2	4	5	8	2	4	4	5
60413R	ELMCREST ROAD	637	***	1	2	3	4	1	2	2	2
60414I	SHERBOURNE & WILTON ST.	708	1.4	2	4	5	7	2	3	3	4

*** 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 MILLIONNOVEMBER - NOVEMBRE
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		1-HOUR / HEURE		MEANS ---- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
60501C	HAMILTON, ONT. BARTON & SANFORD	693	2.0	3	6	9	13	3	5	6	7
60505R	NORTH PARK	624	2.0	3	5	7	10	3	5	5	6
60602R	SUDBURY, ONT. ASH STREET	660	***	1	4	9	15	1	3	3	3
60606C	KENNEDY STREET	693	1.9	2	6	14	57	2	6	8	9
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	660	***	1	2	4	9	1	2	2	3
60806R	THUNDER BAY, ONT. 435 JAMES S.	621	***	0	1	1	9	0	1	1	1
60901C	LONDON, ONT. KING & RECTORY	704	***	1	2	3	4	1	2	2	2
61001C	SARNIA, ONT. 156 VICTORIA STREET	659	1.6	2	6	16	21	2	6	10	11
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	718	***	0	1	2	3	0	1	2	2
61201R	CORNWALL, ONT. MEMORIAL PARK	714	1.5	2	4	7	10	2	3	4	4
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	640	***	1	2	4	6	1	2	3	3
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	717	***	0	2	3	3	0	2	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	537	***	1	1	2	3	1	1	2	2
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	711	***	0	2	4	5	1	2	2	2
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	649	***	1	2	4	13	1	2	2	2
70102R	PORTAGE & WOODLAWN	619	***	0	0	1	1	0	0	0	0
70104I	UNION STOCK YARDS	638	1.1	1	3	6	15	1	2	4	4
70118R	JEFFERSON & SCOTIA	660	***	0	1	2	2	0	1	1	1
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	528	***	0	1	1	1	0	1	1	1
80108C	REGINA, SASK. 12TH AVE. & SMITH ST.	630	***	0	0	1	1	0	0	0	0
80202C	SASKATOON, SASK. 4TH AVE. & 23RD ST.	720	***	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	17	---	0	0	0	0	-	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	633	***	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	599	***	0	1	3	8	0	1	1	1
90122R	127 ST. & 133 AVENUE	617	***	0	0	8	21	0	1	4	4
90130C	10255 - 104TH STREET	660	***	0	0	0	1	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	660	***	0	0	0	1	0	0	0	0
90219C	620-7TH AVENUE, S.W.	646	***	0	0	1	2	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	599	***	0	0	0	0	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00109C	970 BURRARD	394	***	1	2	3	4	1	2	2	2
00110R	E. HASTINGS & KENSINGTON	704	***	0	1	2	5	0	1	1	2
00111I	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	661	***	0	2	3	11	0	1	2	2
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	60	---	0	1	2	2	0	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.

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLION

NOVEMBER - NOVEMBRE
1977

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	
				1-HOUR / HEURE		24-HOUR / HEURES					
				70	95	99	MAX	70	95	99	MAX
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	528	***	1	1	2	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 MILLION			NOVEMBER - NOVEMBRE 1977				MONOXYDE 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			
30115I	HALIFAX, N.S.	713	***	1	1	2	2	0	1	1	1	0	1	1	1			
30116C	CFB SHEARWATER BARRINGTON & DUKE	653	1.6	2	6	8	11	2	4	6	6	2	3	4	4			
50103R	MONTREAL, QUEBEC	686	0.9	1	2	4	8	1	2	3	4	1	2	3	3			
50104C	POINTE-AUX-TREMBLES	718	2.8	3	6	9	13	3	6	7	8	3	5	5	5			
50109C	1125 ONTARIO EST	711	2.3	3	7	11	19	3	6	7	10	3	5	6	6			
50110C	DUNCAN & DECARIE	631	2.2	2	7	11	19	3	6	8	10	2	5	7	7			
50111C	PARC PILON, MTL.-NORD	587	1.2	1	4	6	8	2	3	4	5	1	3	3	3			
50112C	2900 BOUL. CONCORDE	0	---	---	---	---	---	---	---	---	---	---	---	---	---			
50113R	BOUL. LAURENTIDES	677	0.8	1	3	6	8	1	3	4	5	1	2	3	3			
50114C	PIE X & CARDINAL	720	4.3	5	9	13	15	5	8	9	10	5	6	7	7			
50115C	677 STE-CATHERINE O. PEEL & MAISONNEUVE	503	4.3	5	11	13	17	5	9	10	11	5	6	7	7			
50203R	HULL, QUEBEC	683	0.8	1	2	5	7	1	2	3	3	1	2	2	2			
50304C	GAMELIN & JOFFRE	650	2.4	3	8	11	19	3	6	10	11	3	6	8	8			
60101C	QUEBEC, QUEBEC	648	2.3	3	7	11	14	3	6	8	9	3	4	5	6			
60104C	155 DORCHESTER SUD	712	0.5	1	2	3	5	1	2	2	3	1	2	2	2			
60204C	OTTAWA, ONT.	707	2.4	3	4	5	7	3	4	4	5	3	3	4	4			
60401C	471 UNIVERSITY AVENUE	713	1.7	2	3	4	5	2	3	3	3	2	3	3	3			
60402R	TORONTO, ONT.	715	1.9	2	3	5	6	2	3	4	5	2	3	4	4			
60403I	67 COLLEGE STREET	709	2.1	2	4	5	8	2	3	4	5	2	3	3	3			
60410R	DON MILLS, SCIENCE CNTR	719	1.8	2	4	8	11	2	4	5	5	2	3	4	4			
60411R	EVANS & ARNOLD	717	2.0	2	4	6	9	2	3	4	5	2	3	4	4			
60412R	LAWRENCE & KENNEDY	715	3.1	3	6	8	9	4	5	6	6	3	5	5	6			
60413R	PHARMACY & HWY 401	714	2.1	2	3	4	6	2	3	4	4	2	3	3	3			
60414I	BATHURST & WILSON	715	2.6	3	6	7	10	3	6	7	8	3	6	7	7			
60501C	ELMCREST ROAD	718	1.9	2	5	8	12	2	4	6	7	2	4	5	5			
60602R	SHERBOURNE & WILTON ST.	598	0.6	1	2	3	5	1	2	2	3	1	2	2	2			
60901C	HAMILTON, ONT.	712	0.8	1	2	4	7	1	2	3	3	1	2	2	2			
61001C	ASH STREET	704	1.5	2	2	3	7	2	2	3	4	2	2	3	3			
61201R	SARNIA, ONT.	488	0.9	1	2	5	10	1	2	3	4	1	2	2	2			
61301C	CORNWALL, ONT.	597	1.2	1	3	5	7	1	2	4	5	1	2	2	3			
61501C	ST. CATHARINES, ONT.	665	1.6	2	4	7	19	2	3	6	9	2	3	4	5			
61601R	KITCHENER, ONT.	713	1.7	2	4	6	9	2	3	5	5	2	3	4	4			
70101C	EDNA & FREDERICK	664	1.4	2	3	5	7	2	3	4	5	2	2	3	3			
70102R	OAKVILLE, ONT.	611	1.0	1	3	5	8	1	3	4	5	1	2	3	3			
70118R	REBECCA & WOODSIDE	672	0.9	1	2	4	9	1	2	3	4	1	2	2	2			
80108C	WINNIPEG, MAN.	716	0.8	1	3	5	15	1	2	5	8	1	2	4	4			
80202C	REGINA, SASK.	720	1.1	2	3	5	8	1	3	3	4	1	2	2	2			
90121I	SASKATOON, SASK.	720	***	1	2	3	5	1	1	2	3	1	1	2	2			
90122R	EDMONTON, ALTA.	714	2.6	3	9	15	28	3	7	10	13	3	6	7	7			
90130C	17 STREET & 105 AVENUE	719	2.6	3	8	10	13	3	7	8	9	3	5	7	7			
90219C	10255 - 104TH STREET	720	3.2	4	8	13	36	4	7	14	21	3	6	11	11			
90222R	620-7TH AVENUE, S.W. 39 ST. & 29 AVE. N.W.	694	1.7	2	6	11	18	2	5	8	10	2	4	5	7			

*** 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 MILLIONNOVEMBER - NOVEMBRE
1977MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES											
				INTERVALS - INTERVALLES				MEANS				MOYENNES			
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
	VANCOUVER, B.C.														
00106R	2294 WEST 10TH AVENUE	597	1.6	2	5	8	12	2	4	7	9	2	4	6	6
00108I	250 WEST 70TH AVENUE	720	1.4	1	5	9	11	2	5	7	8	2	4	5	5
00109C	970 BURRARD	718	2.4	3	6	8	15	3	5	5	6	3	4	5	5
00110R	E. HASTINGS & KENSINGTON	716	0.7	1	2	4	6	1	2	3	4	1	2	2	3
00111I	ROCKY PT. PARK	637	1.0	1	3	5	7	1	3	4	4	1	2	2	3
	VICTORIA, B.C.														
00302C	1105 COOK ST.	681	1.8	2	5	7	14	2	4	6	7	2	3	4	4

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLIONNOVEMBER - NOVEMBRE
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
30115I	HALIFAX, N.S.	626	***	1	2	3	4	1	1	3	3
30116C	CFB SHEARWATER BARRINGTON & DUKE	663	2.9	4	5	6	7	3	5	5	5
50102R	MONTREAL, QUEBEC	694	3.4	4	6	7	7	4	5	6	6
50104C	JARDIN BOTANIQUE	682	2.7	3	5	5	6	3	4	5	5
50109C	1125 ONTARIO EST	716	3.3	4	5	6	7	3	5	5	5
50110C	DUNCAN & DECARIE	715	2.1	2	4	5	8	2	3	3	3
50111C	PARC PILON, MTL.-NORD	610	2.3	3	4	5	8	3	4	4	4
50112C	2900 BOUL. CONCORDE	0	---	-	-	-	-	-	-	-	-
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50115C	PIE X & CARDINAL	720	2.3	3	4	4	11	3	4	4	4
50203R	PEEL & MAISONNEUVE	608	***	1	2	3	4	1	2	3	3
50304C	HULL, QUEBEC GAMELIN & JOFFRE	704	1.4	2	2	3	4	2	2	3	3
60101C	QUEBEC, QUEBEC	694	3.9	4	6	7	8	4	6	6	6
60104C	155 DORCHESTER SUD	712	2.2	3	4	6	9	2	4	5	5
60204C	OTTAWA, ONT. 88 SLATER ST.	650	2.7	3	4	5	7	3	4	4	4
60401C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	711	2.8	3	4	5	5	3	4	4	4
60402R	TORONTO, ONT. 67 COLLEGE STREET	711	2.1	2	3	4	5	2	3	3	3
60403I	DON MILLS, SCIENCE CNTR	711	3.0	3	4	5	6	3	4	4	4
60410R	EVANS & ARNOLD	713	3.1	4	5	5	7	3	5	5	5
60411R	LAWRENCE & KENNEDY	709	2.3	3	4	4	6	3	3	4	4
60412R	PHARMACY & HWY 401	717	3.4	4	6	7	8	4	6	6	6
60413R	BATHURST & WILSON	712	2.1	3	4	5	5	2	4	4	4
60414I	ELMCREST ROAD	710	2.4	3	4	4	4	3	3	4	4
60501C	SHERBOURNE & WILTON ST.	716	4.9	6	8	9	10	6	7	8	8
60505R	HAMILTON, ONT. BARTON & SANFORD	714	3.4	4	6	6	8	4	5	6	6
60602R	NORTH PARK	705	1.4	2	3	4	5	2	3	3	3
60901C	SUDBURY, ONT. ASH STREET	628	2.8	3	4	6	12	3	4	5	5
61001C	LONDON, ONT. KING & RECTORY	702	2.2	3	4	5	6	2	3	4	5
61201R	SARNIA, ONT. 156 VICTORIA STREET	716	1.7	2	3	4	5	2	3	3	3
61301C	CORNWALL, ONT. MEMORIAL PARK	706	2.5	3	4	5	6	3	4	4	4
61501C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	716	3.1	4	5	6	9	3	4	6	6
61601R	KITCHENER, ONT. EDNA & FREDERICK	713	1.7	2	3	4	4	2	3	3	3
70101C	OAKVILLE, ONT. REBECCA & WOODSIDE	312	---	2	3	4	5	2	3	3	3
70118R	WINNIPEG, MAN. 270 OSBORNE STREET	685	1.8	2	4	5	5	2	3	4	4
90122R	JEFFERSON & SCOTIA	383	2.6	4	6	7	11	4	6	6	7
90130C	EDMONTON, ALTA. 127 ST. & 133 AVENUE	641	3.9	5	6	7	9	5	6	7	7
90219C	CALGARY, ALTA. 620-7TH AVENUE, S.W.	659	4.7	5	10	14	16	6	8	10	11
90222R	39 ST. & 29 AVE. N.W.	718	2.7	3	6	11	14	3	5	7	8
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	657	2.0	2	3	4	5	2	3	3	3
00108I	250 WEST 70TH AVENUE	464	2.5	3	5	6	7	3	5	5	5
00109C	970 BURRARD	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	720	1.9	2	3	4	6	2	3	3	3
00111I	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-
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 MILLIONNOVEMBER - NOVEMBRE
1977OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
	EMPLACEMENT			INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	647	2.5	3	5	5	5	3	4	5	5
	BARRINGTON & DUKE	578	1.2	2	3	4	4	1	2	3	3
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	710	0.6	1	2	3	3	1	2	2	2
50104C	POINTE-AUX-TREMBLES	639	1.2	2	3	4	4	2	2	3	3
50109C	1125 ONTARIO EST	720	***	0	1	1	2	0	0	1	1
50110C	DUNCAN & DECARIE	720	0.5	1	2	3	3	1	1	2	2
50111C	PARC PILON, MTL.-NORD	699	1.0	1	3	4	5	1	2	3	3
50112C	2900 BOUL. CONCORDE	693	1.1	2	3	4	4	1	3	3	3
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50115C	PIE X & CARDINAL	662	1.2	2	3	4	4	2	3	3	3
	PEEL & MAISONNEUVE	720	***	0	1	1	2	0	1	1	1
50304C	QUEBEC, QUEBEC										
	155 DORCHESTER SUD	708	0.9	2	3	4	4	1	2	3	3
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	716	1.0	1	3	3	4	1	2	3	3
	RIDEAU & WURTEMBURG	716	1.1	2	3	3	3	1	3	3	3
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	706	0.6	1	2	2	3	1	1	2	2
60401C	TORONTO, ONT.										
60402R	67 COLLEGE STREET	708	0.6	1	2	2	2	1	1	2	2
60403I	DON MILLS, SCIENCE CNTR	711	***	0	1	1	1	0	1	1	1
60410R	EVANS & ARNOLD	709	***	1	1	2	2	1	1	1	1
60413R	LAWRENCE & KENNEDY	710	0.8	1	2	2	3	1	2	2	2
60414I	ELMCREST ROAD	712	0.6	1	2	2	3	1	2	2	2
	SHERBOURNE & WILTON ST.	711	0.5	1	2	2	2	1	1	2	2
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	719	0.7	1	2	2	3	1	2	2	2
60602R	SUDBURY, ONT.										
	ASH STREET	710	0.8	1	1	2	2	1	1	1	1
60901C	LONDON, ONT.										
	KING & RECTORY	0	---	-	-	-	-	-	-	-	-
61001C	SARNIA, ONT.										
	156 VICTORIA STREET	705	1.0	1	2	3	3	1	2	2	2
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	551	1.3	2	3	4	4	2	2	2	2
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	714	0.9	1	2	3	3	1	2	2	2
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	717	1.1	2	3	3	4	2	2	3	3
61601R	OAKVILLE, ONT.										
	REBECCA & WOODSIDE	693	1.2	2	3	3	3	2	2	3	3
70101C	WINNIPEG, MAN.										
70118R	270 OSBORNE STREET	680	0.7	1	2	3	3	1	2	2	2
	JEFFERSON & SCOTIA	671	1.1	2	2	3	3	1	2	2	2
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	598	1.0	2	3	4	4	1	2	2	2
	10255 - 104TH STREET	719	***	1	2	2	2	1	1	1	1
90219C	CALGARY, ALTA.										
90222R	620-7TH AVENUE, S.W.	701	0.7	1	3	3	3	1	2	2	2
	39 ST. & 29 AVE. N.W.	715	1.6	2	4	4	4	2	3	3	3
00106R	VANCOUVER, B.C.										
00108I	2294 WEST 10TH AVENUE	589	0.8	1	3	3	4	1	2	3	3
00109C	250 WEST 70TH AVENUE	720	1.0	2	3	3	4	1	2	3	3
00110R	970 BURRARD	719	0.6	1	2	3	4	1	2	2	2
00111I	E. HASTINGS & KENSINGTON	720	1.5	2	3	3	3	2	3	3	3
	ROCKY PT. PARK	720	0.7	1	3	3	3	1	2	2	2
00302C	VICTORIA, B.C.										
	1106 COOK ST.	658	1.2	2	3	4	4	2	2	3	3

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

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.NOVEMBER - NOVEMBRE
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		MEANS - MOYENNES		24-HOUR / HEURES		70 95 99 MAX	
				70	95	99	MAX	70	95	99	MAX
30114R	HALIFAX, N.S.										
30115I	MT ST VINCENT UNIVERSITY	360	****	0.1	0.2	0.4	0.8	0.1	0.2	0.2	0.2
30116C	CFB SHEARWATER	154	----	0.0	0.1	0.3	0.3	0.0	0.1	0.1	0.1
	BARRINGTON & DUKE	360	0.23	0.3	0.6	1.0	1.2	0.3	0.4	0.5	0.5
30310C	SYDNEY, N.S.										
30311R	COUNTY JAIL	360	0.26	0.3	0.8	1.2	1.7	0.3	0.5	0.6	0.6
	WHITNEY PIER FIRE STN.	240	0.48	0.5	1.6	2.2	2.4	0.6	0.9	1.2	1.3
40202C	SAINT JOHN, N.B.										
	POST OFFICE	306 (1)	----	0.2	0.4	1.1	1.2	0.2	0.3	0.5	0.5
50101R	MONTREAL, QUEBEC										
50102R	PARC JARRY	353	****	0.1	0.2	0.3	0.4	0.1	0.2	0.2	0.2
50103R	JARDIN BOTANIQUE	353	0.38	0.5	0.8	1.1	1.3	0.4	0.7	0.8	0.8
50104C	POINTE-AUX-TREMBLES	353	0.25	0.3	0.6	0.9	1.2	0.3	0.5	0.7	0.7
50105C	1125 ONTARIO EST	323	0.47	0.5	1.0	1.3	2.0	0.5	0.8	1.0	1.0
50106R	1212 DRUMMOND	331	0.27	0.3	0.6	0.8	1.3	0.3	0.5	0.5	0.5
50107R	VILLE ST-LAURENT	344	0.25	0.3	0.7	1.1	1.3	0.3	0.5	0.6	0.6
50108C	VILLE LASALLE	345	0.33	0.4	0.8	1.1	1.3	0.4	0.7	0.7	0.8
50109C	DUNCAN & DECARIE	358	0.45	0.5	1.1	1.5	2.3	0.5	0.8	0.9	0.9
50110C	PARC PILON, MTL.-NORD	354	0.46	0.5	1.4	1.9	2.5	0.5	1.0	1.3	1.4
50111C	2900 BOUL. CONCORDE	352	0.21	0.2	0.6	0.9	1.3	0.2	0.5	0.6	0.6
50112C	BOUL. LAURENTIDES	0	----	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	340	0.34	0.4	1.0	1.4	1.7	0.4	0.8	0.9	0.9
50115C	PEEL & MAISONNEUVE	360	0.51	0.6	1.1	1.6	2.3	0.6	0.9	1.1	1.2
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	240	0.21	0.2	0.6	0.8	1.4	0.3	0.5	0.6	0.6
50303I	QUEBEC, QUEBEC										
50304C	CENTRE LOISIRS LIMOULOU	360	0.38	0.5	1.4	2.1	4.0	0.5	1.1	1.3	1.3
	155 DORCHESTER SUD	329	0.42	0.4	1.2	2.4	3.5	0.5	1.0	1.3	1.4
50801R	TROIS-RIVIERES, QUEBEC										
	HART & STE-CECILE	359	0.43	0.5	1.4	1.9	3.4	0.5	1.1	1.4	1.4
51001R	TRACY, QUEBEC										
	3225 AVE COURSHESNE	360	0.33	0.4	0.8	1.1	1.3	0.4	0.7	0.8	0.8
51101C	THETFORD MINES, QUEBEC										
	BOUL. STE-MARTHE	0	----	-	-	-	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC										
	FRIGON & LAVAL	252	0.44	0.6	1.0	1.3	1.8	0.5	0.7	0.8	0.9
60101C	OTTAWA, ONT.										
60102R	88 SLATER ST.	324	0.42	0.5	1.0	1.3	1.5	0.5	0.7	0.8	0.8
60103C	EXPERIMENTAL FARM	360	0.20	0.3	0.7	0.9	1.0	0.2	0.4	0.5	0.5
60104C	GILMOUR STREET	267	0.29	0.4	0.8	1.1	1.9	0.3	0.6	0.6	0.7
	RIDEAU & WURTEMBERG	323	0.22	0.3	0.6	0.7	1.1	0.3	0.4	0.5	0.5
60204C	WINDSOR, ONT.										
60211R	471 UNIVERSITY AVENUE	689 (1)	0.52	0.6	1.1	1.7	2.1	0.6	0.9	1.1	1.2
	COLLEGE & PRINCE	701 (1)	0.41	0.5	0.8	1.1	2.0	0.5	0.8	0.8	0.9
60302R	KINGSTON, ONT.										
	NAPIER STREET	243	0.13	0.2	0.4	0.8	1.7	0.1	0.4	0.6	0.7
60401C	TORONTO, ONT.										
60402R	67 COLLEGE STREET	700 (1)	0.38	0.5	0.8	1.0	1.1	0.5	0.7	0.7	0.7
60403I	DON MILLS, SCIENCE CNTR	697 (1)	0.31	0.4	0.7	1.0	1.0	0.4	0.6	0.7	0.7
60409R	EVANS & ARNOLD	683 (1)	0.38	0.5	0.9	1.3	2.1	0.5	0.7	0.7	0.8
60410R	REDLANDS CRESCENT	358	0.25	0.3	0.7	1.1	4.1	0.3	0.5	0.6	0.7
60411R	LAWRENCE & KENNEDY	630 (1)	0.45	0.6	1.2	1.7	2.8	0.6	0.9	1.0	1.0
60412R	PHARMACY & HWY 401	650 (1)	0.43	0.5	1.1	1.4	1.8	0.5	1.0	1.1	1.2
60413R	BATHURST & WILSON	703 (1)	0.51	0.7	1.3	1.5	1.7	0.7	1.1	1.2	1.3
	ELMCREST ROAD	358	0.27	0.3	0.7	1.3	1.7	0.3	0.7	0.8	0.8
60501C	HAMILTON, ONT.										
60505R	BARTON & SANFORD	697 (1)	0.62	0.7	1.5	1.9	2.3	0.7	1.3	1.6	1.6
	NORTH PARK	689 (1)	0.52	0.7	1.4	1.6	2.1	0.7	1.3	1.5	1.5
60602R	SUDBURY, ONT.										
	ASH STREET	652 (1)	0.19	0.3	0.6	0.8	1.0	0.2	0.5	0.5	0.5
60704C	SAULT STE. MARIE, ONT.										
	445 ALBERT STREET	124	----	0.3	0.5	0.7	1.0	0.2	0.3	0.3	0.3
60806R	THUNDER BAY, ONT.										
	435 JAMES S.	359	0.18	0.2	0.5	0.8	0.9	0.2	0.3	0.3	0.3

(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.
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SOILING INDEX
COH UNITS PER 1000 LINEAR FT.NOVEMBER - NOVEMBRE
1977INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION EMPLACEMENT	NUMBER OF SAMPLES NOMBRE DE DONNEES		MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS INTERVALS - INTERVALLES 2-HOUR / HEURES				DISTRIBUTIONS DES FREQUENCES MEANS - MOYENNES 24-HOUR / HEURES			
					70	95	99	MAX	70	95	99	MAX
60901C	LONDON, ONT. KING & RECTORY	642	(1)	0.33	0.4	0.7	0.9	1.3	0.4	0.6	0.6	0.7
60902C	372 DUNDAS	359		0.24	0.3	0.5	0.8	1.0	0.3	0.4	0.4	0.5
61001C	SARNIA, ONT. 156 VICTORIA STREET	699	(1)	0.26	0.3	0.6	0.9	1.4	0.3	0.5	0.6	0.6
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	360		0.23	0.3	0.6	0.9	1.1	0.3	0.4	0.5	0.5
61201R	CORNWALL, ONT. MEMORIAL PARK	360		0.25	0.3	0.7	1.2	1.6	0.3	0.5	0.7	0.7
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	360		0.26	0.3	0.6	1.0	1.5	0.3	0.5	0.8	0.8
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	359		0.23	0.3	0.6	0.7	1.1	0.3	0.4	0.5	0.5
61501C	KITCHENER, ONT. EDNA & FREDERICK	360		0.34	0.4	0.9	1.5	1.7	0.4	0.7	1.1	1.2
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	360		0.25	0.3	0.7	1.4	1.4	0.3	0.5	0.7	0.8
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	294		0.16	0.2	0.3	0.5	0.5	0.2	0.3	0.3	0.3
70102R	PORTAGE & WOODLAWN	268		0.10	0.1	0.2	0.3	0.3	0.1	0.2	0.2	0.2
70104I	UNION STOCK YARDS	250		0.17	0.2	0.3	0.6	0.7	0.2	0.3	0.4	0.4
70118R	JEFFERSON & SCOTIA	139	----	----	0.2	0.3	0.5	0.9	0.2	0.2	0.3	0.3
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	89	----	----	0.2	0.3	0.5	0.5	0.2	0.3	0.3	0.3
80102R	REGINA, SASK. 3211 ALBERT STREET	269	****	----	0.1	0.2	0.3	0.4	0.1	0.1	0.1	0.1
80108C	12TH AVE. & SMITH ST.	323	****	----	0.1	0.2	0.4	1.0	0.1	0.1	0.2	0.3
80202C	SASKATOON, SASK. 4TH AVE. & 23RD ST.	329		0.52	1.0	1.3	1.6	1.6	1.0	1.1	1.2	1.2
80203R	PORTENAU LODGE	318		0.45	0.6	1.1	1.3	2.0	0.7	1.0	1.0	1.1
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	341	****	----	0.1	0.3	0.4	0.4	0.1	0.2	0.2	0.2
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	341		0.21	0.2	0.5	0.8	1.6	0.2	0.3	0.4	0.4
90109I	EDMONTON, ALTA. 149 ST. & 115 AVENUE	360		0.22	0.3	0.7	1.1	1.3	0.3	0.5	0.6	0.6
90118R	73 AVENUE & 95 STREET	306		0.19	0.2	0.7	1.0	1.2	0.3	0.4	0.5	0.6
90122R	127 ST. & 133 AVENUE	709	(1)	0.15	0.2	0.5	0.8	1.0	0.2	0.4	0.4	0.4
90123C	100 ST. & 102 AVENUE	360		0.18	0.2	0.6	0.9	1.3	0.2	0.4	0.5	0.5
90130C	10255 - 104TH STREET	714	(1)	0.25	0.3	0.7	1.4	2.0	0.3	0.6	0.8	0.9
90216R	CALGARY, ALTA. GLENMORE TRAIL & 18 ST.	360	****	----	0.1	0.3	0.3	0.5	0.1	0.2	0.2	0.2
90218I	BONNY BRK & 18A ST. S.E.	720	(1)	0.38	0.4	1.1	1.6	2.1	0.4	0.8	1.1	1.1
90219C	620-7TH AVENUE, S.W.	697	(1)	0.28	0.3	0.7	1.3	2.6	0.3	0.5	1.0	1.1
90222R	39 ST. & 29 AVE. N.W.	720	(1)	0.21	0.3	0.7	1.2	1.4	0.3	0.5	0.6	0.7
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	0	----	----	-	-	-	-	-	-	-	-
00106R	2294 WEST 10TH AVENUE	195		0.37	0.4	1.2	1.6	1.7	0.4	1.0	1.1	1.1
00108I	250 WEST 70TH AVENUE	0	----	----	-	-	-	-	-	-	-	-
00109C	970 BURRARD	153	----	----	0.4	0.8	1.1	1.4	0.4	0.5	0.5	0.5
00110R	E. HASTINGS & KENSINGTON	352		0.35	0.5	1.0	1.2	1.4	0.4	0.6	0.9	1.0
00111I	ROCKY PT. PARK	360	****	----	0.0	0.5	1.0	1.5	0.0	0.4	0.6	0.6
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	0	----	----	-	-	-	-	-	-	-	-
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	0	----	----	-	-	-	-	-	-	-	-
00302C	1106 COOK ST.	228		0.24	0.2	0.7	1.1	1.5	0.3	0.5	0.6	0.6
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	333		0.54	0.7	1.4	1.8	2.8	0.7	1.1	1.2	1.2

(1) BASED ON 1-HOUR READINGS
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IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

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

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		3	9	15	21	27		3	9	15	21	27	
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	36	72	-	38	-	49	0.3	0.7	-	0.2	-	0.4
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	20	65	25	44	43	39	0.1	0.5	0.1	0.2	0.3	0.2
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	90	38	64	53	54	60	0.5	0.1	0.3	0.2	0.1	0.2
30102R	DALHOUSIE UNIVERSITY	57	37	43	37	33	41	0.5	0.1	0.3	0.2	0.0	0.2
30114R	MT ST VINCENT UNIVERSITY	35	45	20	19	8	25	0.3	0.4	0.1	0.1	0.0	0.2
30115I	CFB SHEARWATER	29	35	19	14	19	23	0.2	0.0	0.1	0.0	0.0	0.1
30310C	SYDNEY, N.S. COUNTY JAIL	134	67	77	98	55	86	1.2	1.0	1.0	0.7	0.2	0.8
30311R	WHITNEY PIER FIRE STN.	180	208	132	102	-	156	0.6	0.9	0.9	0.5	-	0.7
40102C	FREDERICTON, N.B. YORK STREET	250	130	49	80	42	110	4.5	1.4	0.3	1.0	0.1	1.5
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	75	53	84	58	52	64	0.2	0.1	0.2	0.2	0.0	0.1
40301C	MONCTON, N.B. 774 MAIN STREET	75	92	70	85	74	79	0.8	1.0	1.7	0.6	0.9	1.0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	104	98	87	39	98	85	1.2	1.1	1.5	0.9	2.2	1.4
50103R	POINTE-AUX-TREMBLES	72	72	61	36	62	61	0.8	0.8	0.6	0.5	0.4	0.6
50104C	1125 ONTARIO EST	72	99	71	44	44	66	-	-	-	-	-	-
50105C	1212 DRUMMOND	95	115	92	50	73	85	1.5	1.7	1.4	1.4	0.7	1.3
50106R	VILLE ST-LAURENT	217	202	75	47	113	131	1.7	2.0	1.2	0.8	0.6	1.3
50107R	VILLE LASALLE	49	144	84	62	102	88	0.5	1.4	0.7	0.6	1.8	1.0
50108R	1700 BOURASSA, LONGUEUIL	73	60	62	30	41	53	0.7	0.8	0.8	0.5	0.5	0.7
50109C	DUNCAN & DECARIE	90	101	88	62	142	97	1.7	1.3	1.8	1.3	1.5	1.5
50110C	PARC PILON, MTL.-NORD	144	172	59	-	113	122	2.3	2.1	0.6	-	0.9	1.5
50111C	2900 BOUL. CONCORDE	48	46	45	51	-	48	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	-	-	-	-	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	47	50	29	-	32	40	-	-	-	-	-	-
50115C	PEEL & MAISONNEUVE	141	179	158	86	79	129	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	71	60	-	53	38	56	1.0	0.7	-	0.6	0.6	0.7
50301C	QUEBEC, QUEBEC PARC-AUTOS PAQ.LALIBERTE	239	62	46	87	20	91	4.0	0.3	0.8	0.6	0.3	1.2
50302R	PARC BARDY	250	48	44	52	-	99	6.6	0.4	0.9	0.9	-	2.2
50303I	CENTRE LOISIRS LIMOILLOU	440	125	54	-	39	165	6.0	0.3	0.7	-	0.4	1.8
50304C	155 DORCHESTER SUD	371	124	57	152	36	148	5.4	0.5	1.1	1.6	0.5	1.8
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	56	67	27	58	22	46	0.8	1.2	0.6	0.5	0.4	0.7
50403C	WELLINGTON & ALBERT	-	-	-	-	-	-	-	-	-	-	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	33	48	19	72	35	41	0.5	0.2	0.3	0.9	0.2	0.4
50601C	ROUYN, QUEBEC HOTEL DE VILLE	16	-	23	106	11	39	0.2	-	0.4	0.3	0.2	0.3
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	105	87	80	31	29	66	-	-	-	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	94	26	38	106	26	58	1.2	-	0.2	2.4	0.3	1.0
51002R	TRACY, QUEBEC GARNEAU & RTE 132	104	147	15	44	29	68	-	-	-	-	-	-
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	-	-	-	-	-	-	-	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	297	32	130	-	-	153	-	-	-	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	44	31	23	-	16	29	0.3	0.2	0.1	-	0.1	0.2
60101C	OTTAWA, ONT. 88 SLATER ST.	73	57	61	55	-	62	0.9	0.9	0.9	0.9	-	0.9
60104C	RIDEAU & WURTEMBURG	54	34	51	46	23	42	-	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	71	65	86	46	61	66	0.4	0.3	0.4	0.4	0.2	0.3
60202C	CITY HALL	75	81	80	56	73	73	0.9	0.6	0.6	0.5	0.5	0.6
60203R	TECUMSEH WATER WORKS	-	-	-	-	-	-	-	-	-	-	-	-
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	43	43	40	22	17	33	0.1	0.3	0.2	0.1	0.1	0.2
60401C	TORONTO, ONT. 67 COLLEGE STREET	140	78	79	58	41	79	1.2	0.6	0.9	0.7	0.3	0.7
60402R	DON MILLS, SCIENCE CNTR	47	30	57	40	28	40	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

NOVEMBER - NOVEMBRE
1977

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		3	9	15	21	27		3	9	15	21	27	
60403I	EVANS & ARNOLD	61	61	-	70	30	56	1.1	0.8	-	1.1	0.4	0.9
60409R	REDLANDS CRESCENT	22	-	66	30	32	38	0.0	-	0.2	0.3	1.1	0.4
60410R	LAWRENCE & KENNEDY	31	25	47	44	48	39	-	-	-	-	-	-
60411R	PHARMACY & HWY 401	-	35	57	46	74	53	-	-	-	-	1.8	-
60412R	BATHURST & WILSON	91	60	-	43	47	60	-	-	-	-	-	-
60413R	ELMCREST ROAD	80	40	65	31	45	52	-	-	-	-	-	-
HAMILTON, ONT.													
60501C	BARTON & SANFORD	214	167	100	51	57	118	2.6	1.6	1.1	-	-	1.8
60503I	CHATHAM & FRID	200	88	90	74	46	100	3.3	1.2	0.5	0.5	0.3	1.2
60505R	NORTH PARK	-	34	181	132	45	98	-	0.3	1.9	1.0	-	1.1
SUDBURY, ONT.													
60602R	ASH STREET	26	-	-	-	-	-	0.4	-	-	-	-	-
60605C	19 LISGAR STREET	32	-	-	-	20	-	0.5	-	-	-	0.5	-
SAULT STE. MARIE, ONT.													
60704C	445 ALBERT STREET	-	41	-	-	16	-	-	0.2	-	-	0.2	-
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	70	98	-	57	40	66	0.8	1.6	-	0.3	0.5	0.8
60806R	435 JAMES S.	53	29	36	-	51	42	-	-	-	-	-	-
LONDON, ONT.													
60901C	KING & RECTORY	41	82	70	59	35	57	0.6	0.9	1.0	0.8	0.5	0.8
60902C	372 DUNDAS	27	52	42	39	24	37	0.4	0.7	0.6	0.4	0.3	0.5
SARNIA, ONT.													
61001C	156 VICTORIA STREET	69	64	99	52	34	64	0.6	0.8	0.7	0.4	0.4	0.6
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	-	49	23	33	24	32	-	0.7	0.8	0.7	-	0.7
CORNWALL, ONT.													
61201R	MEMORIAL PARK	75	78	78	28	27	57	0.3	0.7	1.0	-	-	0.7
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	93	130	67	47	44	76	-	-	-	-	-	-
BRANTFORD, ONT.													
61401C	DALHOUSIE & QUEEN	90	75	65	55	43	66	-	-	-	-	-	-
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	65	75	-	37	33	53	-	-	-	-	-	-
OAKVILLE, ONT.													
61601R	REBECCA & WOODSIDE	25	15	50	31	19	28	0.6	0.2	0.5	0.3	0.1	0.3
WINNIPEG, MAN.													
70101C	270 OSBORNE STREET	88	46	52	23	57	53	1.7	0.4	1.0	0.7	0.6	0.9
70102R	PORTAGE & WOODLAWN	-	-	-	-	-	-	-	-	-	-	-	-
70104I	UNION STOCK YARDS	125	129	72	46	56	86	0.9	0.1	0.5	0.4	0.4	0.5
70118R	JEFFERSON & SCOTIA	59	33	35	24	41	38	1.0	0.0	0.3	0.5	0.4	0.4
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	56	50	85	34	34	52	0.4	0.5	0.2	0.2	0.3	0.3
REGINA, SASK.													
80102R	3211 ALBERT STREET	30	31	35	23	20	28	0.4	0.4	0.1	0.2	0.1	0.2
80108C	12TH AVE. & SMITH ST.	57	47	61	44	28	47	0.5	0.7	0.2	0.4	0.3	0.4
SASKATOON, SASK.													
80202C	4TH AVE. & 23RD ST.	183	216	120	131	53	141	0.7	0.5	0.4	0.4	0.2	0.4
80203R	PORTENAU LODGE	-	-	-	111	90	-	-	-	-	0.2	0.2	-
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	70	89	92	49	31	66	0.4	0.6	0.1	0.3	0.5	0.4
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	119	181	49	37	40	85	0.8	0.5	0.3	0.4	0.5	0.5
EDMONTON, ALTA.													
90103R	146TH ST. & 92ND AVE.	58	91	91	45	41	65	0.5	0.6	1.0	0.5	1.0	0.7
90121I	17 STREET & 105 AVENUE	105	122	-	70	40	84	0.5	0.4	-	0.3	0.5	0.4
90122R	127 ST. & 133 AVENUE	135	158	145	58	41	107	0.3	0.4	0.7	0.4	0.3	0.4
90123C	100 ST. & 102 AVENUE	59	121	99	83	43	81	0.7	0.9	0.8	0.7	0.8	0.8
90130C	10255 - 104TH STREET	98	160	119	-	38	104	0.9	1.1	0.8	-	0.8	0.9
CALGARY, ALTA.													
90203R	407-31 AVENUE, N.W.	110	190	-	45	50	99	0.5	0.7	-	0.3	0.7	0.6
90204C	316-7TH AVENUE	118	357	71	45	-	148	0.5	1.8	0.5	0.5	-	0.8
90218I	BONNY BRK & 18A ST. S.E.	162	309	95	83	107	151	0.4	0.6	0.6	0.6	0.2	0.5
90222R	39 ST. & 29 AVE. N.W.	56	162	44	36	51	70	0.5	0.4	0.1	0.2	0.4	0.3
RED DEER, ALTA.													
90301C	4747 50TH STREET	160	131	107	33	24	91	1.0	0.5	0.6	0.3	0.5	0.6
MEDICINE HAT, ALTA.													
0401C	770 FIRST STREET, S.E.	71	79	39	42	38	54	0.5	0.4	0.2	0.1	0.3	0.3

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

NOVEMBER - NOVEMBRE
1977

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						MEAN MOYENNE	*----- LEAD / PLOMB -----*						MEAN MOYENNE
		----- DAY / JOUR -----					*----- DAY / JOUR -----*								
		3	9	15	21	27	3		9	15	21	27			
90501C	LETHBRIDGE, ALTA. 13 ST. & 9 AVENUE S.	39	-	34	50	10	33	0.1	-	0.0	0.4	0.1	0.2		
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 51ST STREET	178	66	15	24	39	64	0.2	0.2	0.1	0.2	0.2	0.2		
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	-	-	35	-	42	-	-	-	0.4	-	1.1	-		
00104R	27TH & ONTARIO	65	18	31	75	30	44	1.7	0.7	0.6	1.5	0.7	1.0		
00106R	2294 WEST 10TH AVENUE	62	33	42	82	32	50	1.4	0.9	0.7	1.5	0.6	1.0		
00108I	250 WEST 70TH AVENUE	94	-	-	-	39	-	2.4	-	-	-	0.7	-		
00109C	970 BURRARD	75	53	57	82	23	58	1.0	1.3	0.9	1.4	0.4	1.0		
00110R	E. HASTINGS & KENSINGTON	67	19	33	80	17	43	1.0	0.2	0.7	1.5	0.2	0.7		
00111I	ROCKY PT. PARK	96	20	41	39	15	42	1.3	0.3	0.4	0.5	0.3	0.6		
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	261	82	-	-	106	150	2.8	0.4	-	-	1.4	1.6		
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	79	31	41	62	24	47	1.7	0.8	0.1	0.5	0.2	0.7		
00302C	1106 COOK ST.	85	35	46	76	-	61	2.0	0.9	0.2	0.7	-	1.0		
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	98	23	20	31	40	42	0.3	0.3	0.6	0.5	0.2	0.4		

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

NOVEMBER - NOVEMBRE
1977

DIOXYDE 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	1	2	-	1	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	3	0	1	0
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	1	0	0	0	0
30115I	CFB SHEARWATER	4	8	0	1	0
30310C	SYDNEY, N.S. COUNTY JAIL	1	0	0	0	0
30311R	WHITNEY PIER FIRE STN.	12	13	9	2	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	6	11	7	2	4
50103R	POINTE-AUX-TREMBLES	2	2	5	3	6
50104C	1125 ONTARIO EST	4	4	2	2	1
50105C	1212 DRUMMOND	2	13	8	3	7
50106R	VILLE ST-LAURENT	0	0	0	0	-
50107R	VILLE LASALLE	0	3	0	0	0
50109C	DUNCAN & DECARIE	0	3	0	0	-
50110C	PARC PILON, MTL.-NORD	4	0	2	-	-
50111C	2900 BOUL. CONCORDE	2	0	-	-	-
50112C	BOUL. LAURENTIDES	-	-	-	-	-
50113R	PIE X & CARDINAL	1	1	1	-	1
50115C	PEEL & MAISONNEUVE	7	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	-	1	-	1	2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	97	19	5	-	-
50304C	155 DORCHESTER SUD	29	6	1	15	0
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	-	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	4	15	4	1	1
50901R	ARVIDA, QUEBEC POWELL & HOOPEES	3	7	0	34	0
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	24	1	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	1	0	0	-	0
60101C	OTTAWA, ONT. 88 SLATER ST.	0	0	1	0	-
60104C	RIDEAU & WURTEMBURG	0	0	2	0	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	2	-	-	1	3
60401C	TORONTO, ONT. 67 COLLEGE STREET	9	0	6	0	1
60402R	DON MILLS, SCIENCE CNTR	0	0	2	0	0
60403I	EVANS & ARNOLD	1	0	-	0	1
60409R	REDLANDS CRESCENT	0	-	4	1	1
60410R	LAWRENCE & KENNEDY	1	1	3	-	0
60411R	PHARMACY & HWY 401	-	-	6	1	1
60412R	BATHURST & WILSON	4	1	-	2	5
60413R	ELMCREST ROAD	1	-	3	1	1
60501C	HAMILTON, ONT. BARTON & SANFORD	18	26	6	1	2
60505R	NORTH PARK	-	1	23	-	0
60602R	SUDBURY, ONT. ASH STREET	1	-	-	-	-
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	-	-	-	-	0
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	-	0
60901C	LONDON, ONT. KING & RECTORY	1	2	2	2	0
61001C	SARNIA, ONT. 156 VICTORIA STREET	4	3	17	4	1
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	0	1	0	0

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

NOVEMBER - NOVEMBRE
1977

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		3	9	15	21	27
61201R	CORNWALL, ONT. MEMORIAL PARK	1	2	4	1	1
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	2	3	-	1
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	0	1	2	0	0
61501C	KITCHENER, ONT. EDNA & FREDERICK	2	2	-	0	-
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	0	0	3	1	0
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	2	-	1	0	1
70102R	PORTAGE & WOODLAWN	-	-	-	-	-
70104I	UNION STOCK YARDS	4	1	1	-	1
70118R	JEFFERSON & SCOTIA	0	0	0	0	0
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	-	0	-	-	0
80108C	REGINA, SASK. 12TH AVE. & SMITH ST.	0	0	-	0	0
80202C	SASKATOON, SASK. 4TH AVE. & 23RD ST.	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	-	-	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	1	0	-	0	0
90122R	127 ST. & 133 AVENUE	0	0	0	0	0
90130C	10255 - 104TH STREET	0	0	0	-	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	0	0	0	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	-	-	-	-	-
00109C	970 BURRARD	1	0	-	-	0
00110R	E. HASTINGS & KENSINGTON	1	0	0	1	0
00111I	ROCKY PT. PARK	-	-	-	-	-
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	0	0	-	-	3
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	-	-	-	-	-
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	-	0	0	0	0

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

NOVEMBER - NOVEMBRE
1977

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIÈRES	S03
SYDNEY, N.S.			
30301R	MURPHY ROAD	4.1	0.2 **
30309I	PT EDWARD, RICHMOND PLST	4.5	0.2 **
30310C	COUNTY JAIL	7.3	0.3 **
30311R	WHITNEY PIER FIRE STN.	37.1	0.5 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	7.7	0.4 **
30405C	GENERAL HOSPITAL	6.4	0.4 **
30406R	PUMPING STATION ROAD	4.3	0.2 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	4.0	0.8 *
50102R	JARDIN BOTANIQUE	7.0	0.9 *
50103R	POINTE-AUX-TREMBLES	6.0	- *
50106R	VILLE ST-LAURENT	8.0	1.0 *
50107R	VILLE LASALLE	2.0	0.7 *
OTTAWA, ONT.			
60101C	88 SLATER ST.	-	-
60102R	EXPERIMENTAL FARM	2.5	-
60103C	GILMOUR STREET	1.6	-
WINDSOR, ONT.			
60201I	MORTON TERMINAL DOCK	4.3	-
60202C	CITY HALL	-	-
60203R	TECUMSEH WATER WORKS	1.2	-
60209R	E. C. ROWE & JEFFERSON	2.6	-
TORONTO, ONT.			
60401C	67 COLLEGE STREET	7.3	0.3 *
60403I	EVANS & ARNOLD	4.3	0.3 *
60404R	5126 YONGE STREET	6.2	0.4 *
60405I	JOHN STREET PUMP STATION	9.4	0.5 *
60406R	ROSEHILL RESERVOIR	5.7	0.3 *
60408C	DANFORTH & ROBINSON	11.0	0.4 *
HAMILTON, ONT.			
60501C	BARTON & SANFORD	9.4	0.7 *
60502I	BURLINGTON & GAGE	13.4	0.9 *
60503I	CHATHAM & FRID	9.6	0.6 *
60507C	HUGHSON & HUNTER	8.1	0.6 *
60510I	STRATHEARN	16.4	0.8 *
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	3.7	0.1 *
60703I	BAYVIEW & YOUNG	15.6	0.9 *
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	4.0	0.1 *
60802I	185 GORE STREET	3.4	0.1 *
60805C	521 MEMORIAL AVENUE	6.9	0.1 *
LONDON, ONT.			
60901C	KING & RECTORY	3.0	0.4 *
SARNIA, ONT.			
61001C	156 VICTORIA STREET	5.6	0.9 *
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	-	- **
70110C	KENNEDY & ST. MARY'S	6.4	-
70113I	WINDERMERE & ROCKMAN	4.8	0.0 **
70115C	PORTAGE & MINTO	12.3	0.0 **
70116I	SMITH & KING	15.1	0.0 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	2.6	0.2 **
90126R	77 AVENUE & 85 STREET	2.6	0.1 **
90127I	115 AVENUE & 159 STREET	5.6	- **
90128R	99 AVENUE & 160 STREET	1.8	- **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	-	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	8.3	0.2 **
90223C	11 ST. & 38 AVE. S.E.	1.9	0.2 **
90224I	OGDENDALE & 71 AVE S.E.	6.0	0.3 **
90225R	PALLISER DR & OAKWOOD SW	4.0	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	2.0	0.1 **

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

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