

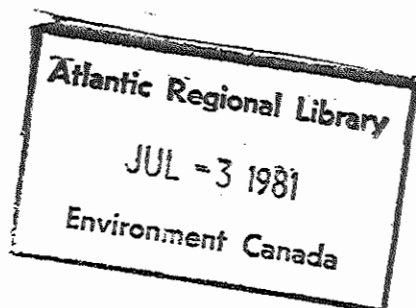
Fisheries and Environment
Canada

Environmental
Protection
Service

Pêches et Environnement
Canada

Service de la
protection de
l'environnement

Monthly Summary September 1977



National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Extrait mensuel septembre 1977

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Surveillance Report
EPS 5-AP-78- 9

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-78-9

Direction général de
l'assainissement de l'air

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONSEPTEMBER - SEPTEMBRE
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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	612	***	1	3	4	5	1	2	2	3
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	632	***	1	2	3	17	1	1	2	2
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	658	***	0	1	2	4	0	1	1	1
30115I	CFB SHEARWATER	485	***	1	4	7	9	1	2	3	3
30116C	BARRINGTON & DUKE	643	***	1	2	4	6	1	1	2	2
30310C	SYDNEY, N.S. COUNTY JAIL	660	***	1	1	1	2	0	0	1	1
30311R	WHITNEY PIER FIRE STN.	664	***	1	3	5	7	1	2	2	2
40202C	SAINT JOHN, N.B. POST OFFICE	649	***	1	2	3	10	1	1	2	2
50101R	MONTREAL, QUEBEC PARC JARRY	651	***	1	1	3	3	1	1	1	2
50102R	JARDIN BOTANIQUE	654	***	0	3	6	9	1	2	4	4
50103R	POINTE-AUX-TREMBLES	578	***	1	3	6	9	1	3	4	4
50104C	1125 ONTARIO EST	717	***	1	2	3	6	1	1	2	2
50105C	1212 DRUMMOND	712	1.7	2	3	5	6	2	3	3	3
50106R	VILLE ST-LAURENT	714	***	0	0	0	0	0	0	0	0
50107R	VILLE LASALLE	0	---	---	---	---	---	---	---	---	---
50109C	DUNCAN & DECARIE	612	***	0	1	2	5	0	1	1	2
50110C	PARC PILON, MTL.-NORD	648	***	1	2	3	5	1	2	2	3
50111C	2900 BOUL. CONCORDE	578	***	0	2	4	5	1	1	2	2
50112C	BOUL. LAURENTIDES	0	---	---	---	---	---	---	---	---	---
50113R	PIE X & CARDINAL	375	***	0	1	2	3	1	1	1	1
50115C	PEEL & MAISONNEUVE	714	1.6	2	4	5	7	2	3	3	3
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	647	***	0	1	1	3	0	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	698	4.4	3	18	68	91	4	18	32	32
50304C	155 DORCHESTER SUD	609	2.0	2	10	18	28	3	8	9	10
50305R	MYRAND & ST-CYRILLE	658	***	1	2	6	12	1	2	3	3
50601C	ROUYN, QUEBEC HOTEL DE VILLE	671	1.4	0	10	25	90	1	5	11	11
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	659	***	0	1	2	4	0	1	1	1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	631	3.1	4	11	17	32	5	8	10	10
50901R	ARVIDA, QUEBEC POWELL & HOOPES	301	---	0	8	13	16	1	7	8	8
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	624	***	0	2	4	9	0	2	2	2
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	432	1.7	2	8	10	12	2	5	5	6
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	606	1.9	1	10	26	48	2	6	16	18
60101C	OTTAWA, ONT. 88 SLATER ST.	659	1.0	1	4	8	13	1	3	6	6
60104C	RIDEAU & WURTEMBERG	343	---	0	2	3	5	0	1	2	2
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	677	1.5	2	4	7	10	2	3	4	4
60204C	471 UNIVERSITY AVENUE	680	1.7	2	5	7	10	2	3	6	6
60211R	COLLEGE & PRINCE	709	***	1	3	6	9	1	3	4	4
60302R	KINGSTON, ONT. NAPIER STREET	646	***	0	2	5	6	0	1	4	4
60401C	TORONTO, ONT. 67 COLLEGE STREET	693	***	0	1	3	5	0	1	2	2
60402R	DON MILLS, SCIENCE CNTR	685	***	0	1	1	2	0	1	1	1
60403I	EVANS & ARNOLD	617	1.3	2	3	5	7	2	3	3	4
60409R	REDLANDS CRESCENT	719	***	1	2	3	5	1	2	2	3
60410R	LAWRENCE & KENNEDY	689	***	1	2	2	6	1	1	2	2
60411R	PHARMACY & HWY 401	700	***	1	2	3	6	1	2	2	2
60412R	BATHURST & WILSON	656	***	1	2	3	4	1	2	2	2
60413R	ELMCREST ROAD	708	***	1	1	2	5	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 MILLIONSEPTEMBER - SEPTEMBRE
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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
	HAMILTON, ONT.										
60501C	BARTON & SANFORD	668	1.6	2	5	7	10	2	4	5	5
60505R	NORTH PARK	669	1.1	1	4	7	9	1	3	3	4
	SUDBURY, ONT.										
60602R	ASH STREET	685	1.1	0	7	16	31	1	5	7	7
60606C	KENNEDY STREET	704	1.5	1	5	9	22	2	4	5	5
	SAULT STE. MARIE, ONT.										
60704C	445 ALBERT STREET	427	***	0	1	1	2	0	1	1	1
	THUNDER BAY, ONT.										
60806R	435 JAMES S.	692	***	0	1	2	9	0	1	1	1
	LONDON, ONT.										
60901C	KING & RECTORY	693	***	1	2	3	4	1	1	2	2
	SARNIA, ONT.										
61001C	156 VICTORIA STREET	698	1.7	1	7	15	24	2	4	7	7
	PETERBOROUGH, ONT.										
61103C	500 GEORGE STREET	718	***	0	0	1	2	0	0	1	1
	CORNWALL, ONT.										
61201R	MEMORIAL PARK	334	---	1	2	3	4	1	1	2	2
	ST. CATHARINES, ONT.										
61301C	NORTH ST. & GENEVA ST.	364	***	0	1	1	1	0	0	1	1
	BRANTFORD, ONT.										
61401C	DALHOUSIE & QUEEN	716	***	0	1	2	2	0	1	2	2
	KITCHENER, ONT.										
61501C	EDNA & FREDERICK	622	***	1	1	3	5	1	1	1	1
	OAKVILLE, ONT.										
61601R	REBECCA & WOODSIDE	717	***	1	2	3	7	1	2	2	3
	WINNIPEG, MAN.										
70101C	270 OSBORNE STREET	180	---	1	2	3	3	1	2	2	2
70102R	PORTAGE & WOODLAWN	480	***	0	1	1	3	0	0	0	0
70104I	UNION STOCK YARDS	536	***	1	3	3	6	1	2	2	2
70118R	JEFFERSON & SCOTIA	406	***	2	2	2	3	1	2	2	2
	BRANDON, MAN.										
70201C	11TH ST. & PRINCESS AVE.	608	***	0	0	0	0	0	0	0	0
	REGINA, SASK.										
80108C	12TH & SMITH	687	***	0	0	0	0	0	0	0	0
	SASKATOON, SASK.										
80202C	CITY LIBRARY	573	***	0	0	0	0	0	0	0	0
	MOOSE JAW, SASK.										
80301C	TELEPHONE BUILDING	526	***	0	0	0	0	0	0	0	0
	PRINCE ALBERT, SASK.										
80401C	1257-1ST AVE. EAST	571	***	0	0	0	0	0	0	0	0
	EDMONTON, ALTA.										
90121I	17 STREET & 105 AVENUE	661	***	0	0	1	9	0	0	1	1
90122R	127 ST. & 133 AVENUE	633	***	0	0	0	1	0	0	0	0
90130C	10255 - 104TH STREET	623	***	0	0	0	1	0	0	0	0
	CALGARY, ALTA.										
90218I	BONNY BRK & 18A ST. S.E.	542	***	0	0	0	0	0	0	0	0
90219C	620-7TH AVENUE, S.W.	656	***	0	0	0	0	0	0	0	0
90222R	39 ST. & 29 AVE. N.W.	638	***	0	0	0	0	0	0	0	0
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	414	***	1	1	2	3	1	1	1	2
00108I	250 WEST 70TH AVENUE	639	***	1	1	2	3	1	1	1	1
00109C	970 BURRARD	660	***	1	1	2	4	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	688	***	1	2	2	3	1	2	2	2
00111I	ROCKY PT. PARK	630	***	1	3	3	3	1	2	2	2
	PRINCE GEORGE, B.C.										
00201C	1305-7TH AVENUE	555	***	0	1	2	2	0	1	1	1
	VICTORIA, B.C.										
00301C	POLICE STATION, FISGUARD	566	***	1	2	2	4	1	1	1	1

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

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

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLION

SEPTEMBER - SEPTEMBRE
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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	498	***	0	1	1	1	0	0	0	0

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

CARBON MONOXIDE PARTS PER MILLION			SEPTEMBER - SEPTEMBRE 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				24-HOUR / HEURES				
				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.	219	---	0	1	2	3	0	1	1	1	0	1	1	1	
30116C	CFB SHEARWATER BARRINGTON & DUKE	714	1.4	2	4	7	10	2	4	5	6	2	3	3	3	
50103R	MONTREAL, QUEBEC															
50104C	POINTE-AUX-TREMBLES	682	0.7	1	2	3	6	1	2	2	2	1	1	2	2	
50109C	1125 ONTARIO EST	645	2.3	3	5	8	11	3	5	6	6	3	3	4	4	
50110C	DUNCAN & DECARIE	650	2.2	3	6	11	15	3	5	7	8	3	4	5	5	
50111C	PARC PILON, MTL.-NORD	375	2.5	3	6	9	11	3	5	7	7	3	5	5	6	
50112C	2900 BOUL. CONCORDE	136	---	1	2	2	2	1	2	2	2	1	1	1	1	
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-	-	-	-	-	
50114C	PIE X & CARDINAL	702	0.6	1	2	5	7	1	2	3	4	1	2	2	2	
50115C	677 STE-CATHERINE O.	717	4.4	6	9	10	12	6	8	9	10	5	6	7	7	
50203R	PEEL & MAISONNEUVE	664	3.8	5	8	11	13	5	8	9	10	4	6	7	7	
50304C	HULL, QUEBEC GAMBLIN & JOFFRE	693	***	1	2	3	5	1	1	2	3	1	1	1	1	
60101C	QUEBEC, QUEBEC															
60104C	155 DORCHESTER SUD	672	1.5	2	4	5	7	2	3	4	4	2	2	3	3	
60204C	OTTAWA, ONT. 88 SLATER ST.	705	2.1	3	6	9	14	3	5	6	7	3	4	4	5	
60401C	RIDEAU & WURTEMBERG	663	0.7	1	2	3	4	1	2	2	3	1	1	2	2	
60402R	WINDSOR, ONT. 471 UNIVERSITY AVENUE	706	2.0	2	3	4	6	2	3	3	4	2	3	3	3	
60403I	TORONTO, ONT. 67 COLLEGE STREET	717	1.3	2	3	4	8	2	2	4	5	2	2	3	3	
60404R	DON MILLS, SCIENCE CNTR	714	2.3	3	4	5	7	3	4	5	6	3	3	4	4	
60405R	EVANS & ARNOLD	712	2.2	2	4	5	7	3	3	4	5	2	3	4	4	
60406R	LAWRENCE & KENNEDY	719	1.9	2	5	6	7	2	4	5	5	2	3	4	4	
60407R	PHARMACY & HWY 401	712	2.1	2	4	6	8	2	4	4	5	2	3	4	4	
60408R	BATHURST & WILSON	688	2.9	3	6	8	9	3	5	7	8	3	4	6	6	
60409R	ELMCREST ROAD	704	1.5	2	2	4	6	2	2	4	5	2	2	3	3	
60501C	HAMILTON, ONT. BARTON & SANFORD	717	1.6	2	4	6	8	2	3	5	6	2	3	4	4	
60602R	SUDBURY, ONT. ASH STREET	705	***	0	1	2	3	0	1	1	2	0	1	1	1	
60901C	LONDON, ONT. KING & RECTORY	644	0.7	1	2	3	7	1	2	3	3	1	1	2	2	
61001C	SARNIA, ONT. 156 VICTORIA STREET	717	1.4	2	3	3	4	2	2	3	3	2	2	2	2	
61201R	CORNWALL, ONT. MEMORIAL PARK	713	0.5	1	1	2	4	1	1	2	2	1	1	2	2	
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	203	---	2	3	4	4	2	3	3	3	2	3	3	3	
61501C	KITCHENER, ONT. EDNA & FREDERICK	466	0.7	1	2	3	5	1	2	2	2	1	1	1	1	
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	667	1.5	2	2	3	3	2	2	2	3	2	2	2	2	
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	653	1.5	2	4	7	15	2	3	5	6	2	2	3	3	
70102R	PORTAGE & WOODLAWN	118	---	1	4	5	6	1	3	4	4	1	2	2	2	
70118R	JEFFERSON & SCOTIA	509	0.7	1	3	6	10	1	3	4	5	1	2	2	2	
80108C	REGINA, SASK. 12TH & SMITH	683	0.7	1	2	4	7	1	2	3	3	1	1	1	2	
80202C	SASKATOON, SASK. CITY LIBRARY	603	***	0	2	4	11	0	2	4	5	1	2	2	2	
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	720	***	0	1	2	2	0	1	1	1	0	1	1	1	
90122R	127 ST. & 133 AVENUE	718	1.0	1	4	6	13	1	3	5	7	1	3	4	4	
90130C	10255 - 104TH STREET	719	2.2	3	6	7	14	3	4	6	7	3	4	5	5	
90219C	CALGARY, ALTA. 620-7TH AVENUE, S.W.	712	2.2	3	5	8	15	3	4	5	6	3	3	4	4	
90222R	39 ST. & 29 AVE. N.W.	718	1.2	1	3	5	13	1	2	3	4	1	2	2	2	
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	626	1.3	2	3	5	6	2	3	4	4	2	2	3	3	
00108I	250 WEST 70TH AVENUE	676	1.5	2	4	5	8	2	3	3	4	2	2	2	3	

*** 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 MILLIONSEPTEMBER - SEPTEMBRE
1977MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS - MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		8-HOUR / HEURES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
00109C	970 BURRARD	312	---	2	5	6	8	3	3	4	4
00110R	E. HASTINGS & KENSINGTON	720	0.8	1	2	3	5	1	2	2	2
00111I	ROCKY PT. PARK	112	---	1	2	4	4	1	2	2	2
00302C	VICTORIA, B.C. 1106 COOK ST.	705	1.6	2	4	7	9	2	3	5	6

--- 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 MILLIONSEPTEMBER - SEPTEMBRE
1977DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES		MEANS ---- MOYENNES		24-HOUR / HEURES		70 95 99 MAX	
				1-HOUR / HEURE							
				70	95	99	MAX	70	95	99	MAX
	HALIFAX, N.S.										
30115I	CFB SHEARWATER	180	---	1	2	5	6	1	2	2	2
30116C	BARRINGTON & DUKE	647	2.3	3	4	5	7	3	3	3	4
	MONTREAL, QUEBEC										
50102R	JARDIN BOTANIQUE	712	2.4	3	6	9	11	2	5	6	6
50104C	1125 ONTARIO EST	681	2.9	3	5	7	14	3	4	5	5
50109C	DUNCAN & DECARIE	706	2.8	3	5	7	7	3	4	5	5
50110C	PARC PILON, MTL.-NORD	679	1.5	2	3	4	5	2	2	2	2
50111C	2900 BOUL. CONCORDE	602	2.1	2	4	4	5	2	3	3	3
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	659	1.4	2	3	4	5	2	3	3	3
50115C	PEEL & MAISONNEUVE	714	3.8	4	6	8	13	4	6	6	6
	HULL, QUEBEC										
50203R	GAMBLIN & JOFFRE	702	***	1	1	2	4	1	1	1	1
	QUEBEC, QUEBEC										
50304C	155 DORCHESTER SUD	584	***	1	2	3	5	1	2	3	3
	OTTAWA, ONT.										
60101C	88 SLATER ST.	618	3.1	4	6	8	10	3	5	6	7
60104C	RIDEAU & WURTEMBURG	640	1.5	2	4	5	9	2	3	4	4
	WINDSOR, ONT.										
60204C	471 UNIVERSITY AVENUE	706	3.1	3	5	7	9	3	4	5	5
	TORONTO, ONT.										
60401C	67 COLLEGE STREET	708	2.5	3	4	5	9	3	4	4	5
60402R	DON MILLS, SCIENCE CNTR	710	1.9	2	4	5	7	2	3	4	4
60403I	EVANS & ARNOLD	699	3.5	4	6	11	15	4	6	10	11
60410R	LAWRENCE & KENNEDY	713	3.5	4	6	7	8	4	5	6	6
60411R	PHARMACY & HWY 401	584	3.2	4	5	6	6	4	4	5	5
60412R	BATHURST & WILSON	718	3.6	4	7	9	12	4	6	7	7
60413R	ELMCREST ROAD	703	1.9	2	3	4	5	2	3	3	3
	HAMILTON, ONT.										
60501C	BARTON & SANFORD	717	4.5	6	8	9	10	5	6	7	8
60505R	NORTH PARK	715	2.9	4	6	7	8	4	5	6	6
	SUDBURY, ONT.										
60602R	ASH STREET	648	***	1	2	3	4	1	2	2	2
	LONDON, ONT.										
60901C	KING & RECTORY	691	1.5	2	3	4	4	2	3	3	3
	SARNIA, ONT.										
61001C	156 VICTORIA STREET	615	1.4	2	4	5	10	2	4	4	5
	CORNWALL, ONT.										
61201R	MEMORIAL PARK	653	1.6	2	4	7	15	2	3	6	6
	ST. CATHARINES, ONT.										
61301C	NORTH ST. & GENEVA ST.	654	2.2	3	4	5	7	3	3	4	4
	KITCHENER, ONT.										
61501C	EDNA & FREDERICK	0	---	-	-	-	-	-	-	-	-
	OAKVILLE, ONT.										
61601R	REBECCA & WOODSIDE	710	1.5	2	3	4	5	2	2	3	3
	WINNIPEG, MAN.										
70101C	270 OSBORNE STREET	697	2.6	3	5	6	6	3	4	4	4
70118R	JEFFERSON & SCOTIA	660	1.4	2	3	4	5	2	2	3	3
	EDMONTON, ALTA.										
90122R	127 ST. & 133 AVENUE	704	1.3	2	3	4	5	2	3	3	3
90130C	10255 - 104TH STREET	697	2.9	4	5	6	7	3	4	5	5
	CALGARY, ALTA.										
90219C	620-7TH AVENUE, S.W.	718	3.7	4	6	8	10	4	5	7	7
90222R	39 ST. & 29 AVE. N.W.	694	2.2	3	4	5	7	3	3	3	3
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	112	---	3	3	4	4	2	3	3	3
00108I	250 WEST 70TH AVENUE	658	2.1	2	3	4	6	2	3	3	3
00109C	970 BURRARD	418	2.7	3	4	4	6	3	3	3	3
00110R	E. HASTINGS & KENSINGTON	0	---	-	-	-	-	-	-	-	-
00111I	ROCKY PT. PARK	0	---	-	-	-	-	-	-	-	-
	VICTORIA, B.C.										
00302C	1106 COOK ST.	264	---	3	4	5	5	3	3	3	3

*** 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 MILLIONSEPTEMBER - SEPTEMBRE
1977OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES -				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
301151	HALIFAX, N.S. CFB SHEARWATER	159	---	2	3	4	6	2	2	3	3
30116C	BARRINGTON & DUKE	476	1.3	2	3	5	5	2	3	3	3
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	707	0.9	1	3	5	9	1	2	3	3
50103R	POINTE-AUX-TREMBLES	670	1.6	2	4	8	9	2	3	5	5
50104C	1125 ONTARIO EST	717	***	0	2	4	5	1	2	2	2
50109C	DUNCAN & DECARIE	712	0.6	1	2	3	4	1	2	2	2
50110C	PARC PILON, MTL.-NORD	712	1.1	1	5	8	12	1	4	5	5
50111C	2900 BOUL. CONCORDE	657	1.2	2	5	7	9	1	3	4	5
50112C	BOUL. LAURENTIDES	0	---	---	---	---	---	---	---	---	---
50113R	PIE X & CARDINAL	699	1.1	1	4	8	8	1	3	5	6
50115C	PEEL & MAISONNEUVE	673	***	0	1	2	4	0	1	2	2
50304C	QUEBEC, QUEBEC 155 DORCHESTER SUD	692	1.1	2	3	4	5	1	2	3	3
60101C	OTTAWA, ONT. 88 SLATER ST.	718	0.8	1	3	4	6	1	2	3	3
60104C	RIDEAU & WURTEMBERG	699	1.1	1	3	4	5	1	2	3	3
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	707	1.7	2	6	8	9	2	4	5	5
60401C	TORONTO, ONT. 67 COLLEGE STREET	713	1.1	1	3	5	5	1	2	3	3
60402R	DON MILLS, SCIENCE CNTR	715	0.6	1	2	3	3	1	1	2	2
60403I	EVANS & ARNOLD	712	0.8	1	3	5	5	1	2	3	3
60410R	LAWRENCE & KENNEDY	709	1.2	2	3	5	7	2	3	3	3
60413R	ELMCREST ROAD	627	1.0	1	4	6	6	1	3	4	4
60501C	HAMILTON, ONT. BARTON & SANFORD	717	1.2	2	4	4	6	2	3	4	4
60602R	SUDBURY, ONT. ASH STREET	708	1.1	1	2	5	7	1	2	3	4
10901C	LONDON, ONT. KING & RECTORY	711	1.7	2	5	6	8	2	3	4	4
61001C	SARNIA, ONT. 156 VICTORIA STREET	683	1.5	2	4	5	8	2	3	4	4
61201R	CORNWALL, ONT. MEMORIAL PARK	716	1.3	2	4	6	8	2	4	5	5
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	577	1.5	2	4	5	8	2	3	4	5
61501C	KITCHENER, ONT. EDNA & FREDERICK	251	---	1	3	4	4	1	2	2	2
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	712	1.8	2	5	7	7	2	3	4	4
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	665	1.3	2	4	6	8	2	3	4	4
70118R	JEFFERSON & SCOTIA	615	1.9	2	5	6	6	2	4	4	4
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	709	1.0	2	3	3	3	1	2	2	2
90130C	10255 - 104TH STREET	709	0.7	1	2	3	5	1	2	2	2
90219C	CALGARY, ALTA. 620-7TH AVENUE, S.W.	472	0.5	1	2	2	3	1	1	1	2
90222R	39 ST. & 29 AVE. N.W.	720	1.5	2	4	4	4	2	3	3	3
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	630	0.7	1	3	4	8	1	1	2	2
00108I	250 WEST 70TH AVENUE	614	0.6	1	2	3	4	1	1	2	2
00109C	970 BURRARD	0	---	---	---	---	---	---	---	---	---
00110R	E. HASTINGS & KENSINGTON	617	1.1	2	3	4	4	1	2	2	2
00111I	ROCKY PT. PARK	623	0.9	1	4	5	6	1	2	2	2
00302C	VICTORIA, B.C. 1106 COOK ST.	695	0.9	2	3	3	4	1	2	2	2

*** 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.SEPTEMBER - SEPTEMBRE
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			
				2-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
HALIFAX, N.S.											
30114R	MT ST VINCENT UNIVERSITY	295	****	0.0	0.1	0.2	0.4	0.0	0.1	0.1	0.1
30115I	CFB SHEARWATER	359	****	0.1	0.2	0.4	0.7	0.1	0.1	0.2	0.2
30116C	BARRINGTON & DUKE	304	0.14	0.2	0.4	0.6	0.7	0.2	0.3	0.3	0.3
SYDNEY, N.S.											
30310C	COUNTY JAIL	359	0.11	0.1	0.4	0.6	1.1	0.1	0.3	0.3	0.4
30311R	WHITNEY PIER FIRE STN.	359	0.21	0.2	0.6	1.9	4.0	0.2	0.5	1.1	1.2
SAINT JOHN, N.B.											
40202C	POST OFFICE	70	(1) ----	0.2	0.3	0.4	0.4	0.2	0.2	0.2	0.2
MONTREAL, QUEBEC											
50101R	PARC JARRY	329	****	0.1	0.2	0.3	0.6	0.1	0.1	0.2	0.2
50102R	JARDIN BOTANIQUE	356	0.26	0.3	0.6	0.9	1.4	0.3	0.4	0.4	0.5
50103R	POINTE-AUX-TREMBLES	337	0.20	0.3	0.5	0.6	1.2	0.2	0.3	0.4	0.4
50104C	1125 ONTARIO EST	333	0.29	0.4	0.6	0.7	0.8	0.4	0.4	0.5	0.5
50105C	1212 DRUMMOND	345	0.20	0.3	0.5	0.6	0.7	0.2	0.4	0.5	0.5
50106R	VILLE ST-LAURENT	357	0.20	0.2	0.6	0.8	1.0	0.3	0.4	0.5	0.5
50107R	VILLE LASALLE	279	0.19	0.2	0.4	0.8	1.2	0.2	0.4	0.4	0.4
50109C	DUNCAN & DECARIE	352	0.35	0.4	0.9	1.1	1.5	0.5	0.6	0.7	0.7
50110C	PARC PILON, MTL.-NORD	353	****	0.0	0.1	0.2	0.3	0.0	0.1	0.1	0.1
50111C	2900 BOUL. CONCORDE	349	0.12	0.2	0.4	0.7	1.1	0.1	0.4	0.5	0.5
50112C	BOUL. LAURENTIDES	0	----	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	358	0.17	0.2	0.5	1.0	1.1	0.2	0.4	0.5	0.5
50115C	PEEL & MAISONNEUVE	259	0.39	0.5	0.8	1.0	1.8	0.4	0.5	0.7	0.7
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	221	0.16	0.2	0.4	0.6	0.8	0.2	0.2	0.3	0.3
QUEBEC, QUEBEC											
50303I	CENTRE LOISIRS LIMOILLOU	360	0.16	0.2	0.5	0.9	1.4	0.2	0.4	0.5	0.5
50304C	155 DORCHESTER SUD	357	0.21	0.3	0.6	0.9	1.2	0.3	0.5	0.6	0.6
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	360	0.17	0.2	0.7	0.9	0.9	0.2	0.3	0.4	0.4
TRACY, QUEBEC											
51001R	3225 AVE COURSHESNE	360	0.10	0.1	0.3	0.5	1.7	0.2	0.2	0.2	0.2
THETFORD MINES, QUEBEC											
51101C	BOUL. STE-MARTHE	284	0.15	0.2	0.4	0.8	0.9	0.2	0.3	0.4	0.4
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	162	----	0.4	0.7	1.0	1.5	0.4	0.5	0.7	0.8
OTTAWA, ONT.											
60101C	88 SLATER ST.	360	0.20	0.3	0.6	0.8	0.9	0.2	0.3	0.4	0.4
60102R	EXPERIMENTAL FARM	360	0.11	0.2	0.4	0.6	0.9	0.1	0.2	0.2	0.2
60103C	GILMOUR STREET	360	0.12	0.2	0.4	0.9	1.0	0.1	0.3	0.3	0.3
60104C	RIDEAU & WURTEMBURG	347	0.19	0.3	0.5	0.7	0.9	0.2	0.3	0.3	0.4
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	645	(1) 0.47	0.6	1.1	1.3	1.5	0.5	0.8	1.1	1.1
60211R	COLLEGE & PRINCE	514	(1) 0.42	0.5	0.9	1.3	1.3	0.4	0.7	0.8	0.8
KINGSTON, ONT.											
60302R	NAPIER STREET	357	****	0.2	0.3	0.4	0.5	0.1	0.1	0.2	0.2
TORONTO, ONT.											
60401C	67 COLLEGE STREET	697	(1) 0.38	0.4	1.0	1.5	2.0	0.5	0.7	0.9	1.1
60402R	DON MILLS, SCIENCE CNTR	695	(1) 0.32	0.4	0.8	1.0	1.2	0.4	0.6	0.8	0.8
60403I	EVANS & ARNOLD	698	(1) 0.60	0.7	1.4	1.7	1.9	0.7	1.0	1.2	1.2
60409R	REDLANDS CRESCENT	359	0.17	0.2	0.5	0.8	0.9	0.2	0.3	0.4	0.5
60410R	LAWRENCE & KENNEDY	663	(1) 0.14	0.2	0.5	0.7	1.0	0.2	0.3	0.4	0.5
60411R	PHARMACY & HWY 401	691	(1) 0.46	0.7	1.2	1.5	1.6	0.6	0.8	1.0	1.0
60412R	BATHURST & WILSON	701	(1) 0.58	0.8	1.5	1.7	1.8	0.8	1.1	1.3	1.3
60413R	ELMCREST ROAD	356	0.23	0.3	0.7	0.9	1.0	0.3	0.4	0.4	0.4
HAMILTON, ONT.											
60501C	BARTON & SANFORD	527	(1) 0.50	0.6	1.0	1.2	1.3	0.6	0.8	0.9	0.9
60505R	NORTH PARK	663	(1) 0.47	0.6	1.5	1.8	2.4	0.7	1.2	1.4	1.5
SUDBURY, ONT.											
60602R	ASH STREET	688	(1) ****	0.1	0.3	0.4	0.6	0.1	0.2	0.3	0.3
SAULT STE. MARIE, ONT.											
60704C	445 ALBERT STREET	0	----	-	-	-	-	-	-	-	-
THUNDER BAY, ONT.											
60806R	435 JAMES S.	360	0.17	0.2	0.5	0.6	0.8	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.
IL N'Y A PAS ASSEZ DE DONNEES POUR CALCULER UNE MOYENNE VALABLE.

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.SEPTEMBER - SEPTEMBRE
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			
				2-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60901C	LONDON, ONT. KING & RECTORY	678	(1) 0.25	0.3	0.6	1.0	2.0	0.3	0.5	0.7	0.8
60902C	372 DUNDAS	359	0.21	0.3	0.5	0.8	1.3	0.2	0.3	0.5	0.5
61001C	SARNIA, ONT. 156 VICTORIA STREET	698	(1) 0.17	0.2	0.5	0.7	1.0	0.2	0.4	0.5	0.6
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	360	0.19	0.2	0.5	0.7	1.0	0.2	0.3	0.4	0.4
61201R	CORNWALL, ONT. MEMORIAL PARK	358	0.19	0.2	0.5	0.8	1.1	0.2	0.3	0.4	0.4
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	350	0.19	0.2	0.5	0.7	1.1	0.2	0.3	0.3	0.3
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	360	0.16	0.2	0.5	0.7	0.7	0.2	0.2	0.3	0.3
61501C	KITCHENER, ONT. EDNA & FREDERICK	360	0.29	0.3	0.8	1.7	1.9	0.4	0.7	0.9	0.9
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	274	0.15	0.2	0.5	0.9	1.3	0.2	0.3	0.5	0.5
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	350	0.15	0.2	0.3	0.5	0.7	0.2	0.2	0.3	0.3
70102R	PORTAGE & WOODLAWN	76	----	0.2	0.3	0.4	0.4	---	---	---	---
70104I	UNION STOCK YARDS	153	----	0.2	0.3	0.6	1.1	0.1	0.3	0.3	0.3
70118R	JEFFERSON & SCOTIA	343	****	0.1	0.3	0.4	0.8	0.1	0.2	0.2	0.2
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	317	****	0.1	0.2	0.2	0.3	0.1	0.1	0.1	0.1
80102R	REGINA, SASK. 3211 ALBERT STREET	359	****	0.1	0.2	0.4	0.5	0.1	0.1	0.2	0.2
80108C	12TH & SMITH	360	****	0.0	0.2	0.4	0.6	0.1	0.1	0.2	0.2
80202C	SASKATOON, SASK. CITY LIBRARY	332	****	0.0	0.2	0.5	0.9	0.1	0.2	0.2	0.2
80203R	PORTENAU LODGE	168	----	0.1	0.3	0.3	0.3	0.1	0.2	0.2	0.2
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	346	****	0.0	0.1	0.2	0.4	0.0	0.1	0.1	0.1
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	356	****	0.1	0.3	0.6	0.9	0.1	0.3	0.4	0.4
90109I	EDMONTON, ALTA. 149 ST. & 115 AVENUE	217	0.21	0.3	0.6	1.1	1.7	0.3	0.4	0.4	0.5
90118R	73 AVENUE & 95 STREET	336	0.12	0.2	0.4	0.7	0.8	0.2	0.2	0.3	0.3
90122R	127 ST. & 133 AVENUE	718	(1) ****	0.1	0.4	0.5	1.1	0.1	0.2	0.3	0.3
90123C	100 ST. & 102 AVENUE	338	0.15	0.2	0.5	0.8	1.4	0.2	0.3	0.3	0.3
90130C	10255 - 104TH STREET	720	(1) 0.13	0.2	0.3	0.4	0.6	0.2	0.2	0.3	0.3
90216R	CALGARY, ALTA. GLENMORE TRAIL & 18 ST.	348	****	0.1	0.2	0.3	0.4	0.1	0.1	0.1	0.2
90218I	BONNY BRK & 18A ST. S.E.	720	(1) 0.19	0.2	0.5	0.9	0.9	0.2	0.3	0.4	0.4
90219C	620-7TH AVENUE, S.W.	657	(1) 0.16	0.2	0.4	0.6	0.7	0.2	0.3	0.3	0.3
90222R	39 ST. & 29 AVE. N.W.	720	(1) 0.12	0.2	0.4	0.6	0.7	0.2	0.3	0.3	0.3
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00106R	2294 WEST 10TH AVENUE	289	0.27	0.4	0.8	1.2	1.6	0.3	0.5	0.6	0.6
00108I	250 WEST 70TH AVENUE	260	0.27	0.4	0.7	1.1	1.6	0.4	0.5	0.5	0.5
00109C	970 BURRARD	358	0.38	0.5	0.9	1.1	1.8	0.4	0.6	0.7	0.7
00110R	E. HASTINGS & KENSINGTON	356	0.30	0.4	0.7	1.0	2.2	0.4	0.5	0.5	0.6
00111I	ROCKY PT. PARK	358	0.41	0.5	1.0	2.0	3.7	0.5	0.7	1.1	1.2
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	196	0.18	0.2	0.4	0.5	0.5	0.2	0.3	0.3	0.3
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	0	----	-	-	-	-	-	-	-	-
00302C	1106 COOK ST.	236	0.20	0.2	0.5	0.8	0.8	0.2	0.4	0.4	0.4
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	240	0.22	0.3	0.6	0.9	0.9	0.3	0.4	0.4	0.4

(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.

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

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		4	10	16	22	28		4	10	16	22	28	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	30	44	-	62	46	46	0.2	0.3	-	0.4	0.4	0.4
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	43	55	59	38	52	49	0.3	0.0	0.8	0.3	0.3	0.3
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	50	46	66	23	62	49	0.2	0.0	0.3	0.2	0.2	0.2
30102R	DALHOUSIE UNIVERSITY	36	38	59	26	56	43	0.2	0.0	0.2	0.3	0.2	0.2
30114R	MT ST VINCENT UNIVERSITY	17	21	22	15	37	22	0.1	0.0	0.0	0.1	0.2	0.1
30115I	CFB SHEARWATER	-	55	61	20	56	48	-	0.0	0.1	0.1	0.0	0.1
30310C	SYDNEY, N.S. COUNTY JAIL	-	53	60	24	65	51	-	0.4	0.6	0.4	0.9	0.6
30311R	WHITNEY PIER FIRE STN.	63	97	93	-	187	110	0.5	0.2	0.4	-	0.7	0.5
40102C	FREDERICTON, N.B. YORK STREET	37	46	52	67	23	45	0.3	0.2	0.6	0.4	0.2	0.4
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	44	42	61	61	73	56	0.2	0.1	0.4	2.1	0.3	0.6
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	39	-	-	56	-	-	0.9	-	-	0.7	-	-
50103R	POINTE-AUX-TREMBLES	47	65	55	133	129	86	0.9	0.3	0.8	1.1	1.7	1.0
50104C	1125 ONTARIO EST	38	37	75	86	64	60	-	-	-	-	-	-
50105C	1212 DRUMMOND	43	61	85	100	61	70	0.8	0.7	1.4	1.6	1.1	1.1
50106R	VILLE ST-LAURENT	48	87	111	169	71	97	1.6	2.4	2.0	2.2	1.5	1.9
50107R	VILLE LASALLE	55	74	98	61	35	65	1.0	0.9	1.0	0.9	0.6	0.9
50108R	1700 BOURASSA, LONGUEUIL	38	53	59	54	89	59	0.6	0.4	1.2	0.7	1.2	0.8
50109C	DUNCAN & DECARIE	60	88	88	98	181	103	1.5	1.2	2.0	1.2	3.0	1.8
50110C	PARC PILON, MTL.-NORD	51	140	-	127	53	93	1.4	0.3	-	2.1	1.0	1.2
50111C	2900 BOUL. CONCORDE	42	56	53	43	45	48	0.2	0.2	0.7	0.3	0.4	0.4
50112C	BOUL. LAURENTIDES	-	-	-	-	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	27	38	51	56	28	40	0.5	0.1	0.8	0.5	0.2	0.4
50115C	PEEL & MAISONNEUVE	69	95	123	133	79	100	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	55	43	76	96	49	64	0.3	0.1	1.1	0.5	0.3	0.5
50301C	QUEBEC, QUEBEC PARC-AUTOS PAQ.LALIBERTE	40	45	76	55	64	56	0.6	0.5	1.2	0.4	0.5	0.6
50302R	PARC BARDY	66	46	88	37	54	58	1.0	0.7	1.8	0.3	0.5	0.9
50303I	CENTRE LOISIRS LIMOILLOU	50	62	110	121	87	86	0.7	0.7	1.8	0.7	0.6	0.9
50304C	155 DORCHESTER SUD	55	65	102	106	78	81	1.2	1.1	1.5	1.0	0.7	1.1
50402R	SHERBROOKE, QUEBEC CASERNE DE POMPIERS #5	37	-	-	68	35	47	0.5	-	-	1.1	1.0	0.9
50403C	WELLINGTON & ALBERT	-	-	-	-	-	-	-	-	-	-	-	-
50501C	CHICOUTIMI, QUEBEC HOTEL DE VILLE	-	-	-	-	-	-	-	-	-	-	-	-
50502R	USINE DE FILTRATION	-	-	33	28	36	32	-	-	0.6	0.4	0.3	0.4
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	17	54	42	43	39	-	0.3	0.4	0.5	0.9	0.5
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	52	37	-	104	72	66	-	-	-	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	52	45	83	174	43	79	0.5	0.5	1.4	1.3	0.1	0.8
51002R	TRACY, QUEBEC GARNEAU & RTE 132	54	36	101	138	58	77	-	-	-	-	-	-
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	50	60	97	70	30	61	-	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	82	645	241	51	142	232	-	-	-	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	23	25	-	-	-	-	0.3	0.5	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	46	47	67	91	-	63	0.4	0.2	1.3	1.0	-	0.7
60104C	RIDEAU & WURTEMBERG	28	34	39	37	38	35	-	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	59	110	56	-	254	120	0.2	0.4	0.3	-	0.6	0.4
60202C	CITY HALL	57	77	120	58	58	74	0.4	0.5	1.2	0.6	0.8	0.7
60203R	TECUMSEH WATER WORKS	42	76	-	42	47	52	0.2	0.4	-	0.2	0.5	0.3
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	-	38	25	32	21	29	-	0.0	0.1	0.2	0.1	0.1

PENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

SEPTEMBER - SEPTEMBRE
1977

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*					*----- LEAD / PLOMB -----*						
		DAY / JOUR					DAY / JOUR					MEAN MOYENNE	
		4	10	16	22	28		4	10	16	22	28	
TORONTO, ONT.													
60401C	67 COLLEGE STREET	59	44	63	89	-	64	0.7	0.3	1.8	1.0	-	1.0
60402R	DON MILLS, SCIENCE CNTR	31	32	34	36	21	31	-	-	-	-	-	-
60403I	EVANS & ARNOLD	-	43	47	59	72	55	-	1.1	1.6	2.7	1.9	1.8
60409R	REDLANDS CRESCENT	23	28	20	-	-	24	0.0	0.1	0.2	-	-	0.1
60410R	LAWRENCE & KENNEDY	35	40	35	44	48	40	-	-	-	-	-	-
60411R	PHARMACY & HWY 401	36	39	46	79	59	52	0.9	2.1	1.9	3.5	3.0	2.3
60412R	BATHURST & WILSON	54	39	59	59	31	48	2.5	0.6	4.5	2.4	0.6	2.1
60413R	ELMCREST ROAD	36	36	38	64	28	40	-	-	-	-	-	-
HAMILTON, ONT.													
60501C	BARTON & SANFORD	-	56	-	112	46	71	-	0.4	-	1.2	0.7	0.8
60503I	CHATHAM & FRID	69	47	42	57	52	53	0.7	0.2	0.9	0.5	0.3	0.5
60505R	NORTH PARK	-	94	74	31	54	63	-	1.2	1.1	0.3	1.2	1.0
SUDBURY, ONT.													
60602R	ASH STREET	33	28	36	58	19	35	-	-	-	-	-	-
60605C	19 LISGAR STREET	37	35	-	-	-	-	-	0.3	-	-	-	-
SAULT STE. MARIE, ONT.													
60704C	445 ALBERT STREET	35	-	-	-	-	-	-	-	-	-	-	-
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	53	48	104	67	58	66	-	-	-	-	-	-
60806R	435 JAMES S.	24	18	79	60	24	41	-	-	-	-	-	-
LONDON, ONT.													
60901C	KING & RECTORY	33	77	-	43	43	49	0.3	-	-	0.3	0.8	0.5
60902C	372 DUNDAS	-	-	35	39	20	31	-	-	0.6	0.4	0.3	0.4
SARNIA, ONT.													
61001C	156 VICTORIA STREET	55	59	73	46	43	55	0.4	0.3	0.6	0.7	0.4	0.5
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	28	47	37	29	-	35	0.4	0.3	0.5	0.4	-	0.4
CORNWALL, ONT.													
61201R	MEMORIAL PARK	30	54	38	53	29	41	0.6	0.1	0.8	0.7	0.2	0.5
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	43	35	47	38	27	38	-	-	-	-	-	-
BRANTFORD, ONT.													
61401C	DALHOUSIE & QUEEN	38	26	14	44	66	38	-	-	-	-	-	-
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	-	-	56	65	38	53	-	-	-	-	-	-
OAKVILLE, ONT.													
61601R	REBECCA & WOODSIDE	32	35	30	37	23	31	0.4	0.2	0.4	0.6	0.2	0.4
WINNIPEG, MAN.													
70101C	270 OSBORNE STREET	72	67	121	70	110	88	1.2	1.5	0.8	0.9	1.7	1.2
70102R	PORTAGE & WOODLAWN	-	-	-	-	-	-	-	-	-	-	-	-
70104I	UNION STOCK YARDS	36	51	91	33	144	71	0.1	0.6	0.1	0.2	1.0	0.4
70118R	JEFFERSON & SCOTIA	25	52	93	18	45	47	0.6	1.0	0.2	0.1	0.5	0.5
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	42	50	102	57	73	65	0.2	0.2	0.2	0.4	0.3	0.3
REGINA, SASK.													
80102R	3211 ALBERT STREET	23	47	42	30	71	43	0.0	0.3	0.4	0.1	0.6	0.3
80108C	12TH & SMITH	43	61	103	54	149	82	0.1	0.3	0.6	0.3	1.0	0.4
SASKATOON, SASK.													
80202C	CITY LIBRARY	61	-	-	-	799	-	0.2	-	-	-	0.7	-
80203R	PORTENAU LODGE	19	25	36	66	72	44	0.0	0.1	0.1	0.4	0.5	0.2
MOOSE JAW, SASK.													
80301C	TELEPHONE BUILDING	46	121	33	78	104	76	0.1	0.2	0.2	0.4	0.3	0.2
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	47	78	95	112	287	124	0.0	0.3	0.1	0.2	1.0	0.3
EDMONTON, ALTA.													
90103R	146TH ST. & 92ND AVE.	18	52	33	35	37	35	0.0	0.2	0.1	0.1	0.2	0.1
90121I	17 STREET & 105 AVENUE	36	-	-	-	88	-	0.0	-	-	-	0.1	-
90122R	127 ST. & 133 AVENUE	36	91	20	59	134	68	0.1	0.3	0.1	0.1	0.1	0.1
90123C	100 ST. & 102 AVENUE	39	91	65	92	129	83	0.1	0.2	0.1	0.4	0.2	0.2
90130C	10255 - 104TH STREET	-	82	96	88	166	108	-	0.1	0.3	0.3	0.4	0.3
CALGARY, ALTA.													
90203R	407-31 AVENUE, N.W.	-	-	-	-	-	-	-	-	-	-	-	-
90204C	316-7TH AVENUE	-	116	113	145	61	109	-	0.2	0.2	0.4	0.4	0.3
90218I	80NNY BRK & 18A ST. S.E.	104	101	46	76	47	75	0.0	0.1	0.1	0.2	0.1	0.1
90222R	39 ST. & 29 AVE. N.W.	60	59	-	64	45	57	0.1	0.1	-	0.1	0.1	0.1
RED DEER, ALTA.													
0301C	4747 50TH STREET	60	71	82	89	60	72	0.1	0.3	0.2	0.2	0.2	0.2

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

SEPTEMBER - SEPTEMBRE
1977

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*--- PARTICULATES / PARTICULES ---*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN	*----- DAY / JOUR -----*					MEAN
		4	10	16	22	28	MOYENNE	4	10	16	22	28	MOYENNE
90401C	MEDICINE HAT, ALTA. 770 FIRST STREET, S.E.	38	52	36	54	64	49	0.1	0.2	0.2	0.2	0.4	0.2
90501C	LETHBRIDGE, ALTA. 13 ST. & 9 AVENUE S.	28	66	35	25	26	36	0.2	0.1	0.4	0.3	0.3	0.3
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 51ST STREET	-	-	-	-	-	-	-	-	-	-	-	-
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	27	61	85	72	65	62	0.5	1.3	1.4	0.5	0.9	0.9
00104R	27TH & ONTARIO	29	35	65	68	75	54	0.4	0.7	1.0	1.1	1.1	0.9
00106R	2294 WEST 10TH AVENUE	28	36	60	59	53	47	0.4	0.7	0.9	0.9	0.9	0.8
00108I	250 WEST 70TH AVENUE	38	49	86	-	108	70	0.3	1.1	1.3	-	1.5	1.0
00109C	970 BURRARD	38	60	66	92	85	68	1.0	1.4	1.5	1.3	1.5	1.3
00110R	E. HASTINGS & KENSINGTON	36	59	71	71	74	62	0.5	0.8	0.8	0.8	0.9	0.8
00111I	ROCKY PT. PARK	38	119	-	-	91	83	0.3	0.8	-	-	0.9	0.6
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	-	-	100	57	101	86	-	-	0.7	1.0	0.5	0.7
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	22	52	60	64	48	49	0.4	1.2	0.6	1.0	0.8	0.8
00302C	1106 COOK ST.	37	73	64	75	61	62	0.2	1.6	0.7	1.2	0.9	1.0
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	118	90	139	-	-	116	0.2	0.1	0.4	-	-	0.3

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

SEPTEMBER - SEPTEMBRE
1977

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		4	10	16	22	28
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	1	1	-	2	0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	1	0	-	0
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	0	0	0	0
30115I	CFB SHEARWATER	-	0	2	0	-
30310C	SYDNEY, N.S. COUNTY JAIL	-	0	0	0	0
30311R	WHITNEY PIER FIRE STN.	1	4	3	-	9
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	-	-	4	-
50103R	POINTE-AUX-TREMBLES	0	2	0	3	10
50104C	1125 ONTARIO EST	1	1	2	1	1
50105C	1212 DRUMMOND	3	3	3	3	3
50106R	VILLE ST-LAURENT	0	0	0	0	0
50107R	VILLE LASALLE	-	-	-	-	-
50109C	DUNCAN & DECARIE	0	0	0	-	0
50110C	PARC PILON, MTL.-NORD	0	0	-	3	0
50111C	2900 BOUL. CONCORDE	0	0	1	1	-
50112C	BOUL. LAURENTIDES	-	-	-	-	-
50113R	PIE X & CARDINAL	-	-	1	1	0
50115C	PEEL & MAISONNEUVE	4	4	6	7	3
50203R	HULL, QUEBEC GAMELIN & JOFFRE	0	0	0	0	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	1	1	5	30	7
50304C	155 DORCHESTER SUD	0	0	-	16	3
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	0	0	5	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	2	0	-	22	-
50901R	ARVIDA, QUEBEC POWELL & HOOPEES	-	0	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	25	5	-	5
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	0	1	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	0	1	0	2	-
60104C	RIDEAU & WURTEMBURG	-	-	-	0	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	4	6	2	-	16
60401C	TORONTO, ONT. 67 COLLEGE STREET	0	0	0	0	-
60402R	DON MILLS, SCIENCE CNTR	0	0	0	0	0
60403I	EVANS & ARNOLD	-	2	1	2	0
60409R	REDLANDS CRESCENT	1	0	0	-	-
60410R	LAWRENCE & KENNEDY	0	1	1	1	0
60411R	PHARMACY & HWY 401	1	0	0	2	1
60412R	BATHURST & WILSON	2	0	0	0	0
60413R	ELMCREST ROAD	1	0	0	0	-
60501C	HAMILTON, ONT. BARTON & SANFORD	-	1	-	3	0
60505R	NORTH PARK	-	7	3	1	0
60602R	SUDBURY, ONT. ASH STREET	1	1	0	8	0
60704C	SAULT STE. MARIE, ONT. 445 ALBERT STREET	-	-	-	-	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	0	1	-	1	0
61001C	SARNIA, ONT. 156 VICTORIA STREET	5	1	7	1	1
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	0	0	0	-

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 -----*				
		4	10	16	22	28
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	1	1	0
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	-	-	0	0	0
61401C	BRANTFORD, ONT. DALHOUSIE & QUEEN	0	0	0	0	0
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	-	1	1	0
61601R	OAKVILLE, ONT. REBECCA & WOODSIDE	1	0	0	0	0
70101C	WINNIPEG, MAN. 270 OSBORNE STREET	-	-	-	-	-
70102R	PORTAGE & WOODLAWN	-	-	-	-	-
70104I	UNION STOCK YARDS	0	-	0	2	4
70118R	JEFFERSON & SCOTIA	1	-	2	-	1
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	-	0	0	0	0
80108C	REGINA, SASK. 12TH & SMITH	0	0	0	0	0
80202C	SASKATOON, SASK. CITY LIBRARY	0	-	-	-	0
80301C	MOOSE JAW, SASK. TELEPHONE BUILDING	0	0	0	0	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	-	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	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
90222R	39 ST. & 29 AVE. N.W.	0	0	-	0	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	0	0	-	-	1
00108I	250 WEST 70TH AVENUE	0	0	1	-	2
00109C	970 BURRARD	0	0	-	2	1
00110R	E. HASTINGS & KENSINGTON	0	0	1	0	2
00111I	ROCKY PT. PARK	0	-	-	-	2
00201C	PRINCE GEORGE, B.C. 1306-7TH AVENUE	-	-	1	0	1
00301C	VICTORIA, B.C. POLICE STATION, FISGUARD	-	1	1	2	0
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	-	-	0	-	-

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

SEPTEMBER - SEPTEMBRE
1977

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIÈRES	SO3
SYDNEY, N.S.			
30301R	MURPHY ROAD	5.6	0.2 **
30309I	PT EDWARD, RICHMOND PLST	7.5	0.2 **
30310C	COUNTY JAIL	20.7	0.4 **
30311R	WHITNEY PIER FIRE STN.	39.8	1.4 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	9.2	0.4 **
30405C	GENERAL HOSPITAL	10.0	0.3 **
30406R	PUMPING STATION ROAD	-	0.3 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	3.0	0.4 *
50102R	JARDIN BOTANIQUE	4.0	0.4 *
50103R	POINTE-AUX-TREMBLES	11.0	- *
50106R	VILLE ST-LAURENT	12.0	0.5 *
50107R	VILLE LASALLE	7.0	0.3 *
OTTAWA, ONT.			
60101C	88 SLATER ST.	6.4	-
60102R	EXPERIMENTAL FARM	3.6	-
60103C	GILMOUR STREET	3.6	-
WINDSOR, ONT.			
60201I	MORTON TERMINAL DOCK	9.0	-
60202C	CITY HALL	7.5	-
60203R	TECUMSEH WATER WORKS	4.6	-
60209R	E. C. ROWE & JEFFERSON	6.0	-
TORONTO, ONT.			
60401C	67 COLLEGE STREET	6.6	0.2 *
60403I	EVANS & ARNOLD	4.8	0.2 *
60404R	5126 YONGE STREET	3.6	0.2 *
60405I	JOHN STREET PUMP STATION	8.9	0.2 *
60406R	ROSEHILL RESERVOIR	3.0	0.2 *
60408C	DANFORTH & ROBINSON	11.5	0.1 *
HAMILTON, ONT.			
60501C	BARTON & SANFORD	13.4	0.5 *
60502I	BURLINGTON & GAGE	18.6	0.8 *
60503I	CHATHAM & FRID	9.4	0.4 *
60507C	HUGHSON & HUNTER	9.2	0.4 *
60510I	STRATHEARN	15.4	0.6 *
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	-	- *
60703I	BAYVIEW & YOUNG	10.5	0.6 *
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	3.4	0.2 *
60802I	185 GORE STREET	7.9	0.1 *
60805C	521 MEMORIAL AVENUE	6.4	0.2 *
LONDON, ONT.			
60901C	KING & RECTORY	2.8	0.3 *
SARNIA, ONT.			
61001C	156 VICTORIA STREET	4.4	- *
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	-	0.0 **
70110C	KENNEDY & ST. MARY'S	10.1	-
70113I	WINDERMERE & ROCKMAN	5.8	0.0 **
70115C	PORTAGE & MINTO	28.8	0.0 **
70116I	SMITH & KING	14.8	0.0 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	4.8	0.1 **
90126R	77 AVENUE & 85 STREET	6.2	0.1 **
90127I	115 AVENUE & 159 STREET	14.6	0.1 **
90128R	99 AVENUE & 160 STREET	2.2	0.1 **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	7.8	0.2 **
90221R	DALHOUSIE DR & DALHAM DR	3.6	0.2 **
90223C	11 ST. & 38 AVE. S.E.	5.0	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	5.1	0.0 **
90225R	PALLISER DR & OAKWOOD SW	3.6	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	3.3	0.1 **

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

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