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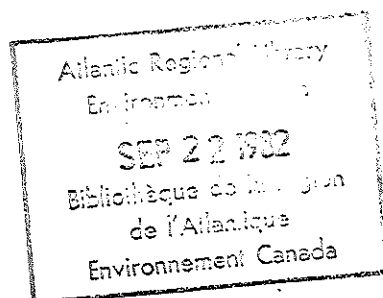
Monthly Summary September 1981

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National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

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Surveillance Report
EPS 5-AP-81-9

Air Pollution
Control Directorate

Rapport de surveillance
EPS 5-AP-81-9

Direction générale de
l'assainissement de l'air

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no.
81-9

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONSEPTEMBER - SEPTEMBRE
1981DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - INTERVALS - INTERVALLES				DISTRIBUTIONS DES FREQUENCES MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	327	---	0	2	2	4	0	1	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	486	---	0	1	2	3	0	1	1	1
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	637	---	0	2	4	11	0	1	1	2
30115I	CFB SHEARWATER	445	---	0	1	3	6	0	1	1	1
30116C	BARRINGTON & DUKE	387	---	1	3	6	8	1	2	2	3
30310C	SYDNEY, N.S. COUNTY JAIL	279	---	0	1	1	1	0	1	1	1
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	16	---	0	0	0	0	-	-	-	-
50101R	MONTREAL, QUEBEC PARC JARRY	718	---	1	2	3	5	1	2	2	2
50102R	JARDIN BOTANIQUE	485	---	1	2	4	7	1	2	2	2
50103R	POINTE-AUX-TREMBLES	690	1.9	1	9	16	21	3	6	7	8
50104C	1125 ONTARIO EST	609	---	1	2	3	4	1	1	1	2
50105C	1212 DRUMMOND	719	---	1	2	6	7	1	3	3	3
50106R	VILLE ST-LAURENT	680	---	0	1	1	1	0	1	1	1
50109C	DUNCAN & DECARIE	675	---	0	1	2	5	0	1	1	1
50110C	PARC PILON, MTL.-NORD	671	---	1	1	2	3	1	1	1	1
50112C	BOUL. LAURENTIDES	616	---	0	1	3	8	1	1	1	1
50113R	PIE X & CARDINAL	563	---	0	1	2	5	1	1	1	1
50115C	METCALPE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	679	---	0	2	3	6	0	1	2	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	662	---	0	1	1	2	0	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	---	-	-	-	-	-	-	-	-
50304C	325 DORCHESTER SUD	599	1.2	1	6	10	26	1	4	5	5
50306R	2026 BLVD. ST-CYRILLE	639	---	0	2	4	9	1	1	2	2
50601C	ROUYN, QUEBEC HOTEL DE VILLE	577	---	0	2	24	34	0	5	9	9
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	378	---	0	1	1	1	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	633	---	1	2	4	22	1	2	3	3
50901R	ARVIDA, QUEBEC POWELL & HOOPES	648	2.5	2	14	19	22	4	10	12	12
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	644	---	0	3	8	15	1	2	3	4
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	566	1.2	1	5	11	13	1	4	7	7
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	0	---	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	592	---	1	1	3	8	1	1	2	2
60104C	RIDEAU & WURTEMBURG	666	---	0	2	2	7	0	2	2	2
60105R	NRC, MONTREAL ROAD	0	---	-	-	-	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	718	1.1	1	4	6	9	1	3	3	4
60204C	471 UNIVERSITY AVENUE	667	---	1	3	7	12	1	2	3	3
60211R	COLLEGE & PRINCE	712	---	0	2	3	4	0	2	3	3
60302P	KINGSTON, ONT. NAPIER STREET	411	---	0	0	0	0	0	0	0	0
60402P	TORONTO, ONT. DON MILLS, SCIENCE CNTR	630	---	1	2	4	5	1	2	2	2
60403I	EVANS & ARNOLD	703	---	0	1	2	3	0	1	1	1
60409R	REDLANDS CRESCENT	693	---	0	0	5	18	0	1	3	3
60410R	LAWRENCE & KENNEDY	656	---	0	1	2	8	0	0	1	1
60412R	BATHURST & WILSON	660	---	1	3	4	9	1	3	3	3
60413R	ELMCREST ROAD	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.

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONSEPTEMBER - SEPTEMBRE
1981DIOXYDE 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
60414I	SHERBOURNE & WILTON ST.	700	***	0	0	2	9	0	0	1	1
60415R	QUEENSWAY W & HURONTARIO	711	***	0	1	2	3	0	1	1	1
60417C	26 BREADALBANE	699	***	1	3	4	6	1	2	2	2
	HAMILTON, ONT.										
60501C	BARTON & SANFORD	704	***	0	2	3	7	1	1	2	2
60505R	NORTH PARK	682	***	1	3	7	8	1	2	3	4
	SUDSBURY, ONT.										
60602R	ASH STREET	703	1.0	1	6	14	23	1	5	6	7
60606C	KENNEDY STREET	663	1.2	1	5	16	40	1	5	6	6
	SAULT STE. MARIE, ONT.										
60704C	QUEEN & ELGIN	719	***	0	1	2	3	0	1	1	1
	THUNDER BAY, ONT.										
60806R	435 JAMES S.	713	***	0	0	4	11	0	1	1	1
	LONDON, ONT.										
60901C	KING & RECTORY	695	***	1	2	2	4	1	1	2	2
	SARNIA, ONT.										
61004R	FRONT ST. AT C.N. TRACKS	700	***	1	3	9	13	1	2	5	5
	PETERBOROUGH, ONT.										
61103C	500 GEORGE STREET	607	***	0	0	1	1	0	0	1	1
	CORNWALL, ONT.										
61201R	MEMORIAL PARK	697	***	1	4	8	13	1	3	5	5
	ST. CATHARINES, ONT.										
61301C	NORTH ST. & GENEVA ST.	702	***	0	1	2	8	0	1	1	1
	KITCHENER, ONT.										
61501C	EDNA & FREDERICK	652	***	0	1	2	3	0	1	1	1
	OAKVILLE, ONT.										
61602R	BRONTE AND WOBURN CRES.	698	***	0	2	6	9	0	2	3	3
	OSHAWA, ONT.										
61701R	RITSON RD. & OLIVE AVE.	574	***	0	0	1	3	0	0	0	0
	GUELPH, ONT.										
61801C	FARQUHAR & WYNDHAM	542	***	0	2	2	3	0	1	2	2
	WINNIPEG, MAN.										
70118R	JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-
70119C	65 ELLEN STREET	412	***	0	0	1	1	0	0	0	0
70120R	604 ST. MARY'S RD.	659	***	0	0	0	4	0	0	0	0
	REGINA, SASK.										
80109C	1620 ALBERT STREET	0	---	-	-	-	-	-	-	-	-
	SASKATOON, SASK.										
80209C	IDYLWYLD DR. & 33RD ST.	0	---	-	-	-	-	-	-	-	-
	MOOSE JAW, SASK.										
80301C	FAIRFORD ST. & 1ST AVE.	529	***	0	1	1	2	0	0	1	1
	PRINCE ALBERT, SASK.										
80401C	1257-1ST AVE. EAST	615	***	0	0	0	1	0	0	0	0
	EDMONTON, ALTA.										
90121I	17 STREET & 105 AVENUE	670	***	0	0	1	3	0	0	0	0
	CALGARY, ALTA.										
90218I	BONNY BRK & 18A ST. S.E.	689	***	0	1	2	5	0	1	1	1
90222R	39 ST. & 29 AVE. N.W.	690	***	0	1	1	2	0	0	1	1
90227C	1611-4TH STREET S.W.	696	***	1	1	2	4	1	1	1	2
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	706	***	1	2	2	4	1	2	2	2
00110R	E. HASTINGS & KENSINGTON	520	***	1	2	3	6	1	2	3	3
00111I	ROCKY PT. PARK	687	***	1	3	4	4	1	2	2	2
00112C	ROBSON/HORNBY	716	***	1	2	3	5	1	1	2	2
	VICTORIA, B.C.										
00302C	1106 COOK ST.	671	***	0	1	1	2	0	0	1	1
	KAMLOOPS, B.C.										
00401C	301 SEYMOUR ST.	635	***	0	0	1	2	0	0	0	0

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

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

CARBON MONOXIDE
PARTS PER MILLIONSEPTEMBER - SEPTEMBRE
1981MONOXYDE 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				24-HOUR / HEURES			
				INTERVALS - INTERVALLES				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	348	---	4	7	8	9	4	6	7	7	4	5	5	5
30116C	HALIFAX, N.S. BARRINGTON & DUKE	469	1.8	2	5	7	9	2	4	6	7	2	3	4	4
40202C	SAINT JOHN, N.B. POST OFFICE	158	---	0	0	2	6	0	1	2	2	0	1	1	1
50103R	MONTREAL, QUEBEC POINTE-AUX-TREMBLES	720	0.6	1	2	2	3	1	1	2	2	1	1	2	2
50104C	1125 ONTARIO EST	716	2.1	2	4	6	9	2	4	5	6	2	3	5	5
50109C	DUNCAN & DECARIE	697	1.8	2	6	9	12	2	5	6	6	2	4	5	5
50110C	PARC PILON, MTL.-NORD	720	1.1	1	3	5	10	1	3	3	4	1	2	2	2
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	596	1.0	1	2	3	4	1	2	2	3	1	2	2	2
50114C	677 STE-CATHERINE O.	576	2.4	3	6	8	10	3	5	6	7	3	4	4	4
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	717	0.8	1	2	3	4	1	2	3	3	1	2	2	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	705	0.5	1	1	3	5	1	1	2	2	1	1	1	1
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	695	1.2	1	3	5	11	2	3	3	4	2	2	3	3
60101C	OTTAWA, ONT. 88 SLATER ST.	704	2.3	3	6	8	12	3	5	6	7	3	4	4	4
60104C	RIDEAU & WURTEMBERG	692	0.8	1	2	3	4	1	2	2	2	1	1	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	697	1.1	1	2	3	4	1	2	3	3	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	712	2.2	3	4	5	7	3	4	5	5	2	3	4	4
60403I	EVANS & ARNOLD	702	2.0	2	3	5	7	2	3	3	4	2	3	3	3
60410R	LAWRENCE & KENNEDY	701	1.1	1	3	4	6	1	2	3	4	1	2	2	3
60412R	BATHURST & WILSON	698	1.4	2	3	5	6	2	3	3	4	2	2	3	3
60413R	ELMCREST ROAD	57	---	2	2	4	4	2	2	2	2	2	2	2	2
60414I	SHERBOURNE & WILTON ST.	705	1.3	1	2	4	7	1	2	3	4	2	2	3	3
60415R	QUEENSWAY W & HURONTARIO	709	1.8	2	6	10	11	2	4	5	6	2	3	4	4
60416C	381 YONGE STREET	717	3.6	4	12	22	28	4	10	14	18	5	9	10	10
60417C	26 BREADALBANE	697	0.9	1	2	3	6	1	2	2	3	1	2	2	2
60501C	HAMILTON, ONT. BARTON & SANFORD	693	0.8	1	3	4	6	1	2	3	3	1	2	2	3
60602R	SUDBURY, ONT. ASH STREET	661	***	0	0	1	2	0	0	0	1	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	695	***	0	2	4	6	0	2	3	3	0	1	2	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	701	***	0	1	2	6	0	1	1	2	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	701	1.0	1	1	2	8	1	1	2	2	1	1	1	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
61501C	KITCHENER, ONT. EDNA & FREDERICK	718	1.1	1	3	4	5	1	2	3	3	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	603	1.4	2	4	5	6	2	4	4	4	2	3	4	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	696	2.1	3	4	5	9	3	4	4	5	3	4	4	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-	-	-	-	-
70119C	65 ELLEN STREET	680	0.9	1	2	3	6	1	2	2	3	1	2	2	2
70120R	604 ST. MARY'S RD.	372	***	1	1	2	4	1	1	2	2	1	1	1	1
80109C	REGINA, SASK. 1620 ALBERT STREET	714	1.9	3	6	8	22	3	5	7	8	2	4	6	6
80209C	SASKATOON, SASK. IDYLYWD DR. & 33RD ST.	0	---	-	-	-	-	-	-	-	-	-	-	-	-

*** 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
1981MONOXYDE DE CARBONE
PARTIES PAR MILLION

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				MOYENNES			
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
EDMONTON, ALTA.															
90121I	17 STREET & 105 AVENUE	699	0.8	1	2	3	5	1	2	2	3	1	1	2	2
90122R	127 ST. & 133 AVENUE	700	1.6	2	6	10	18	2	5	7	8	2	4	4	4
90130C	10255 - 104TH STREET	701	1.9	2	5	6	8	3	4	4	5	2	3	3	4
CALGARY, ALTA.															
90222R	39 ST. & 29 AVE. N.W.	703	0.9	1	3	6	15	1	2	4	6	1	2	3	3
90227C	1611-4TH STREET S.W.	706	2.3	3	6	12	35	3	5	12	14	2	6	7	7
VANCOUVER, B.C.															
00106R	2294 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	704	1.3	1	4	6	8	2	3	4	5	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	696	0.8	1	2	3	4	1	2	3	3	1	1	2	2
00111I	ROCKY PT. PARK	707	1.3	2	3	3	6	2	2	3	4	2	2	2	2
00112C	ROBSON/HORNBY	706	2.6	3	6	8	11	3	5	6	6	3	4	5	6
VICTORIA, B.C.															
00302C	1106 COOK ST.	0	---	-	-	-	-	-	-	-	-	-	-	-	-

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLIONSEPTEMBER - SEPTEMBRE
1981DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - INTERVALS - INTERVALLES 1-HOUR / HEURE				DISTRIBUTIONS DES FREQUENCES MEANS ---- MOYENNES 24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115T	HALIFAX, N.S.										
30116C	CFB SHEARWATER	716	***	0	1	2	3	0	1	1	1
	BARRINGTON & DUKE	614	3.1	4	6	7	10	4	5	5	6
40202C	SAINT JOHN, N.B.										
	POST OFFICE	158	---	2	5	7	7	2	3	3	3
50102R	MONTREAL, QUEBEC										
50104C	JARDIN BOTANIQUE	399	1.9	2	3	4	4	2	3	3	3
50109C	1125 ONTARIO EST	717	2.0	2	4	5	5	2	3	4	4
50110C	DUNCAN & DECARIE	325	---	1	2	3	3	1	2	2	2
50112C	PARC PILON, MTL.-NORD	303	---	2	3	4	5	2	3	3	3
50113R	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50115C	PIE X & CARDINAL	484	2.7	3	4	6	7	3	4	4	5
50116R	METCALPE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
	3161 JOSEPH, VERDUN	463	1.6	2	3	4	5	2	3	3	4
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	682	***	1	2	3	4	1	2	2	2
50304C	QUEBEC, QUEBEC										
	325 DORCHESTER SUD	707	2.4	3	3	4	4	3	3	3	3
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	704	2.3	3	5	6	9	3	4	4	4
60105R	RIDEAU & WURTEMBERG	699	***	1	2	4	11	1	2	2	2
	NRC, MONTREAL ROAD	717	1.0	1	2	3	3	1	2	2	2
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	699	2.8	3	5	7	9	3	5	5	6
60402R	TORONTO, ONT.										
60403I	DON MILLS, SCIENCE CNTR	671	***	1	1	2	3	1	1	2	2
60410R	EVANS & ARNOLD	699	3.9	4	6	8	15	4	5	7	8
60412R	LAWRENCE & KENNEDY	700	1.9	2	4	6	9	2	4	5	5
60413R	BATHURST & WILSON	695	2.2	3	5	7	9	3	5	5	5
60414I	ELMCREST ROAD	153	---	2	4	4	4	2	3	3	3
60415R	SHERBOURNE & WILTON ST.	704	2.3	3	4	5	7	3	4	4	4
60417C	QUEENSWAY W & HURONTARIO	709	2.7	3	4	5	6	3	3	4	4
	26 BREADALBANE	703	2.2	3	4	5	6	2	3	4	4
60501C	HAMILTON, ONT.										
60505R	BARTON & SANFORD	700	2.5	3	5	6	7	3	4	5	5
	NORTH PARK	680	2.3	3	5	6	8	3	4	5	5
60602R	SUDBURY, ONT.										
	ASH STREET	683	***	0	1	2	6	0	1	1	2
60901C	LONDON, ONT.										
	KING & RECTORY	691	1.3	2	3	4	6	2	2	3	3
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	468	1.6	2	4	6	7	2	3	3	3
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	699	***	1	2	3	7	1	1	2	2
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	701	2.0	2	4	5	16	2	4	4	4
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	329	---	3	4	5	6	2	3	4	4
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	696	1.9	2	4	5	6	2	3	4	4
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	702	1.6	2	4	6	7	2	3	4	4
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	644	***	1	3	5	7	1	2	3	3
	65 ELLEN STREET	540	2.2	3	4	5	9	3	4	5	5
80109C	REGINA, SASK.										
	1620 ALBERT STREET	597	2.3	3	6	9	9	3	6	7	7
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	653	3.0	3	7	11	14	3	6	7	7
	10255 - 104TH STREET	696	4.4	5	7	9	11	5	6	7	8
90222R	CALGARY, ALTA.										
90227C	39 ST. & 29 AVE. N.W.	675	1.6	2	4	6	11	2	3	4	4
	1611-4TH STREET S.W.	646	3.9	4	7	10	15	4	6	8	8

*** 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.

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

SEPTEMBER - SEPTEMBRE
1981

DIOXYDE 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
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	671	2.7	3	5	9	15	3	5	6	6
00108I	250 WEST 70TH AVENUE	701	2.1	2	4	7	11	2	4	5	5
00110R	E. HASTINGS & KENSINGTON	698	2.2	2	5	10	19	2	5	6	7
00111I	ROCKY PT. PARK	705	2.2	2	6	9	11	2	6	6	6
00112C	ROBSON/HORNEY	708	3.1	4	6	10	15	3	5	8	8
	VICTORIA, B.C.										
00302C	1106 COOK ST.	662	1.9	3	4	5	6	2	3	4	4

OZONE
PARTS PER HUNDRED MILLIONSEPTEMBER - SEPTEMBRE
1981OZONE
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.										
30116C	CPB SHEARWATER	515	1.3	2	2	3	3	2	2	2	2
	BARRINGTON & DUKE	719	0.8	1	2	3	4	1	2	2	2
40202C	SAINT JOHN, N.B.										
	POST OFFICE	158	---	2	6	7	7	2	5	5	5
50102R	MONTREAL, QUEBEC										
50102R	JARDIN BOTANIQUE	719	1.2	2	4	5	6	2	2	3	3
50103R	POINTE-AUX-TREMBLES	720	1.9	2	5	6	7	2	3	4	4
50104C	1125 ONTARIO EST	670	1.0	2	3	4	5	1	2	3	3
50109C	DUNCAN & DECARIE	693	***	1	2	4	4	1	1	2	2
50110C	PARC PILON, MTL.-NORD	715	0.9	1	3	3	5	1	2	2	2
50112C	BOUL. LAURENTIDES	554	1.1	2	3	4	4	1	2	2	2
50113R	PIE X & CARDINAL	709	1.3	2	3	4	5	2	3	3	3
50115C	METCALFE & MAISONNEUVE	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	716	1.1	2	4	5	5	2	3	3	3
50304C	QUEBEC, QUEBEC										
50306R	325 DORCHESTER SUD	712	0.7	1	2	4	15	1	2	2	3
	2026 BLVD. ST-CYRILLE	481	1.1	1	2	5	15	1	2	2	2
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	713	0.8	1	2	3	5	1	2	3	3
60105R	RIDEAU & WURTEMBERG	689	1.1	2	2	3	4	1	2	2	3
	NRC, MONTREAL ROAD	685	0.9	1	2	3	4	1	2	2	2
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	682	1.8	2	6	9	13	2	4	5	5
60402R	TORONTO, ONT.										
60403I	DON MILLS, SCIENCE CNTR	671	1.1	2	3	5	6	1	2	3	3
60410R	EVANS & ARNOLD	697	0.7	1	3	4	5	1	2	3	3
60413R	LAWRENCE & KENNEDY	700	1.1	1	4	5	6	1	3	3	3
60414I	ELMCREST ROAD	196	---	1	3	5	5	1	3	3	3
60415R	SHERBOURNE & WILTON ST.	684	0.9	1	3	5	5	1	2	2	2
60417C	QUEENSWAY W & HURONTARIO	482	1.1	2	4	5	6	1	2	3	3
	26 BREADALBANE	702	1.2	2	4	5	7	2	3	3	3
60501C	HAMILTON, ONT.										
	BARTON & SANFORD	701	1.4	2	4	5	8	2	3	4	4
60602R	SUDBURY, ONT.										
	ASH STREET	699	1.3	1	2	3	4	1	2	2	2
60806R	THUNDER BAY, ONT.										
	435 JAMES S.	365	1.1	2	2	3	3	1	2	2	2
60901C	LONDON, ONT.										
	KING & RECTORY	670	1.8	2	5	7	8	2	4	5	5
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	697	2.0	2	5	8	11	2	4	5	5
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	699	1.7	2	4	6	6	2	4	5	5
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	679	1.7	2	5	6	8	2	4	5	5
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	717	1.5	2	5	6	7	2	4	5	5
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	641	1.3	2	4	5	6	2	3	3	3
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	670	1.6	2	4	7	8	2	3	4	4
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	645	1.7	2	4	4	5	2	2	2	2
	65 ELLEN STREET	681	1.1	2	3	3	4	1	2	2	2
80109C	REGINA, SASK.										
	1620 ALBERT STREET	706	2.4	3	5	5	6	3	3	4	4
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	688	1.6	2	4	7	9	2	3	3	4
	10255 - 104TH STREET	691	1.0	1	3	4	5	1	2	2	2
90222R	CALGARY, ALTA.										
90227C	39 ST. & 29 AVE. N.W.	694	1.7	3	4	6	7	2	3	3	3
	1611-4TH STREET S.W.	688	0.9	1	3	4	5	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.

OZONE
PARTS PER HUNDRED MILLIONSEPTEMBER - SEPTEMBRE
1981OZONE
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
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	656	0.8	1	3	5	7	1	2	2	2
00108I	250 WEST 70TH AVENUE	455	1.3	2	3	4	6	1	2	3	3
00110R	E. HASTINGS & KENSINGTON	705	1.3	2	4	8	13	1	3	4	4
00111I	ROCKY PT. PARK	696	2.0	2	8	15	19	2	5	5	5
00112C	ROBSON/HORNBY	0	---	-	-	-	-	-	-	-	-
VICTORIA, B.C.											
00302C	1106 COOK ST.	662	1.3	2	4	4	5	1	3	3	3

--- 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
 1981

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
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	----	-	-	-	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	0	----	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	0	----	-	-	-	-	-	-	-	-
50101R	MONTREAL, QUEBEC PARC JARRY	344	****	0.1	0.3	0.3	0.4	0.1	0.2	0.2	0.2
50103R	POINTE-AUX-TREMBLES	343	0.19	0.2	0.4	0.5	0.8	0.2	0.3	0.4	0.4
50104C	1125 ONTARIO EST	347	0.22	0.3	0.4	0.6	0.6	0.3	0.3	0.4	0.4
50105C	1212 DRUMMOND	338	0.21	0.2	0.5	0.7	0.8	0.2	0.4	0.4	0.4
50106R	VILLE ST-LAURENT	234	0.11	0.1	0.3	0.4	0.6	0.1	0.2	0.2	0.2
50109C	DUNCAN & DECARIE	341	0.39	0.4	0.9	1.4	2.3	0.4	0.8	1.0	1.0
50110C	PARC PILON, HTL.-NORD	360	0.24	0.3	0.6	0.7	0.8	0.3	0.4	0.5	0.5
50115C	METCALPE & MAISONNEUVE	0	----	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	347	0.19	0.3	0.6	0.9	1.1	0.3	0.4	0.5	0.5
50203R	HULL, QUEBEC GAMELIN & JOFFRE	360	****	0.2	0.4	0.5	0.5	0.1	0.2	0.2	0.2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	----	-	-	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	170	----	0.2	0.4	0.5	0.7	0.2	0.3	0.3	0.3
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	243	0.31	0.2	1.4	2.6	3.6	0.5	1.1	1.1	1.1
60101C	OTTAWA, ONT. 88 SLATER ST.	268	0.18	0.3	0.5	0.7	0.8	0.2	0.3	0.3	0.3
60103C	GILMOUR STREET	360	0.20	0.3	0.5	0.7	0.9	0.2	0.3	0.4	0.4
60104C	RIDEAU & WURTEMBERG	701	(1) 0.25	0.3	0.5	0.7	1.2	0.3	0.4	0.5	0.5
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	626	(1) 0.45	0.6	1.1	1.5	1.9	0.6	0.9	1.0	1.0
60211R	COLLEGE & PRINCE	701	(1) 0.43	0.5	1.0	1.6	2.0	0.5	0.8	1.0	1.1
60302R	KINGSTON, ONT. NAPIER STREET	0	----	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	358	****	0.1	0.4	0.6	0.7	0.1	0.2	0.2	0.2
60403I	EVANS & ARNOLD	697	(1) 0.14	0.2	0.4	0.6	0.8	0.2	0.3	0.3	0.4
60409R	REDLANDS CRESCENT	358	****	0.1	0.4	0.6	0.7	0.1	0.1	0.2	0.2
60410R	LAWRENCE & KENNEDY	702	(1) 0.36	0.4	0.8	1.4	1.8	0.4	0.7	0.9	1.0
60412R	BATHURST & WILSON	706	(1) 0.59	0.7	1.6	1.9	2.1	0.7	1.2	1.3	1.3
60413R	ELMCREST ROAD	0	----	-	-	-	-	-	-	-	-
60414I	SHERBOURNE & WILTON ST.	703	(1) 0.49	0.6	1.1	1.4	1.7	0.6	0.8	0.9	1.0
60415R	QUEENSWAY W & HURONTARIO	359	0.31	0.4	0.9	1.1	1.8	0.4	0.5	0.7	0.8
60417C	26 BREADALBANE	354	0.36	0.4	0.9	1.1	1.5	0.4	0.7	0.8	0.8
60501C	HAMILTON, ONT. BARTON & SANFORD	702	(1) 0.50	0.6	1.0	1.5	1.8	0.6	0.8	1.0	1.0
60505R	NORTH PARK	688	(1) 0.71	0.9	1.8	2.2	2.6	0.9	1.3	1.5	1.7
60602R	SUDBURY, ONT. ASH STREET	672	(1) ****	0.1	0.3	0.4	0.6	0.1	0.3	0.3	0.3
60806R	THUNDER BAY, ONT. 435 JAMES S.	353	0.19	0.2	0.6	0.8	1.1	0.2	0.4	0.4	0.4
60901C	LONDON, ONT. KING & RECTORY	686	(1) 0.33	0.4	0.8	1.2	1.6	0.4	0.6	0.8	0.9
60902C	372 DUNDAS	359	0.22	0.3	0.5	0.9	1.2	0.3	0.4	0.5	0.5
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	694	(1) 0.25	0.3	0.8	1.1	1.4	0.3	0.7	0.8	0.9
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	325	0.23	0.3	0.6	0.9	1.1	0.3	0.4	0.4	0.5
61201R	CORNWALL, ONT. MEMORIAL PARK	702	(1) 0.10	0.1	0.3	0.4	0.5	0.2	0.2	0.3	0.3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	702	(1) 0.28	0.3	0.6	0.8	1.1	0.3	0.5	0.6	0.6

 (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
1981INDICE 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		2-HOUR / HEURES		MEANS ----- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
61501C	KITCHENER, ONT. EDNA & FREDERICK	359	0.28	0.4	0.9	1.2	1.3	0.3	0.5	0.6	0.6
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	703	(1) 0.48	0.6	1.0	1.4	1.7	0.6	0.9	1.0	1.1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	703	(1) 0.23	0.3	0.6	0.7	0.9	0.3	0.5	0.5	0.6
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	0	----	-	-	-	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	307	****	0.0	0.1	0.3	0.4	0.0	0.1	0.2	0.2
70119C	65 ELLEN STREET	357	0.10	0.1	0.4	0.6	1.0	0.1	0.3	0.4	0.4
70120R	604 ST. MARY'S RD.	355	0.12	0.1	0.4	0.8	1.1	0.1	0.3	0.5	0.5
80109C	REGINA, SASK. 1620 ALBERT STREET	266	****	0.0	0.2	0.2	0.3	0.0	0.1	0.1	0.1
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	190	0.13	0.2	0.4	0.5	1.1	0.2	0.3	0.3	0.3
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	719	(1) 0.33	0.4	0.9	1.6	2.5	0.4	0.7	0.8	0.8
90130C	10255 - 104TH STREET	720	(1) 0.46	0.5	1.1	1.6	1.8	0.6	0.8	1.2	1.2
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	706	(1) 0.37	0.4	1.0	1.4	1.6	0.4	0.7	0.8	0.8
90222R	39 ST. & 29 AVE. N.W.	719	(1) 0.14	0.2	0.4	0.6	0.8	0.2	0.3	0.3	0.3
90227C	1611-4TH STREET S.W.	360	0.41	0.5	1.2	2.4	2.5	0.5	0.8	1.0	1.1
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00106R	2294 WEST 10TH AVENUE	0	----	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	0	----	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	0	----	-	-	-	-	-	-	-	-
00111I	ROCKY PT. PARK	0	----	-	-	-	-	-	-	-	-
00112C	ROBSON/HORNEY	0	----	-	-	-	-	-	-	-	-
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	332	0.22	0.3	0.6	0.7	1.1	0.3	0.5	0.5	0.5
00302C	VICTORIA, B.C. 1106 COOK ST.	360	0.24	0.3	0.7	1.0	1.4	0.3	0.4	0.5	0.6
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	317	0.22	0.3	0.6	1.0	1.2	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 METRE

SEPTEMBER - SEPTEMBRE
1981

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		1	7	13	19	25		1	7	13	19	25	
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	71	56	-	21	51	50	0.4	0.2	-	0.1	0.2	0.2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	35	36	19	27	29	-	0.4	0.3	0.1	0.2	0.3
30101C	HALIFAX, N.S.												
30102R	N.S. TECHNICAL COLLEGE	42	-	34	21	40	34	0.3	-	0.1	0.0	0.2	0.2
30114R	DALHOUSIE UNIVERSITY	42	32	28	21	21	29	0.3	0.1	0.1	0.1	0.2	0.2
30115I	MT ST VINCENT UNIVERSITY	33	18	-	20	15	22	0.3	0.0	-	0.1	0.1	0.1
30115I	CPB SHEARWATER	28	55	-	19	21	31	0.2	0.1	-	0.0	0.1	0.1
30310C	SYDNEY, N.S.												
30311R	COUNTY JAIL	75	40	33	41	50	48	0.9	0.0	0.3	0.4	0.1	0.3
30311R	WHITNEY PIER FIRE STN.	140	46	108	89	49	86	0.5	0.1	0.4	0.2	0.3	0.3
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	57	124	93	91	-	-	0.1	0.0	0.0	0.0
40102C	FREDERICTON, N.B. YORK STREET	40	46	-	-	27	38	0.4	0.4	-	-	0.3	0.4
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	69	51	72	42	42	55	0.3	0.1	0.1	0.1	0.2	0.2
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC												
50103R	JARDIN BOTANIQUE	40	48	48	36	48	44	0.1	0.1	0.1	0.1	0.3	0.1
50104C	POINTE-AUX-TREMBLES	41	68	97	49	97	70	-	-	-	-	-	-
50105C	1125 ONTARIO EST	64	59	69	45	65	60	0.4	0.3	0.3	0.4	0.9	0.5
50106R	1212 DRUMMOND	-	-	-	-	-	-	-	-	-	-	-	-
50107R	VILLE ST-LAURENT	-	73	69	27	70	60	-	0.4	0.3	0.2	1.3	0.6
50108R	VILLE LASALLE	-	-	-	-	-	-	-	-	-	-	-	-
50109C	1700 BOURASSA, LONGUEUIL	44	-	57	-	66	56	0.2	-	0.2	-	0.3	0.2
50110C	DUNCAN & DECARIE	71	74	140	145	177	121	0.6	0.7	1.6	2.5	2.2	1.5
50112C	PARC PILON, MTL.-NORD	74	52	-	36	54	54	-	-	-	-	-	-
50113R	BOUL. LAURENTIDES	-	54	59	-	43	52	-	0.3	0.2	-	0.5	0.3
50115C	PIE X & CARDINAL	37	46	52	-	37	43	0.2	0.2	0.2	-	0.2	0.2
50116R	METCALFE & MAISONNEUVE	-	-	-	-	-	-	-	-	-	-	-	-
50203R	3161 JOSEPH, VERDUN	50	69	79	33	67	60	0.2	0.3	0.5	0.2	1.3	0.5
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	30	45	50	20	33	36	0.3	0.3	0.3	0.1	0.5	0.3
50301C	QUEBEC, QUEBEC												
50302R	PARC-AUTOS PAQ.LALIBERTE	-	-	-	-	-	-	-	-	-	-	-	-
50303I	PARC BARDY	-	-	-	-	-	-	-	-	-	-	-	-
50304C	CENTRE LOISIRS LIMOILLOU	-	-	-	-	-	-	-	-	-	-	-	-
50306R	325 DORCHESTER SUD	-	-	-	-	-	-	-	-	-	-	-	-
50402R	2026 BLVD. ST-CYRILLE	58	25	41	32	22	36	0.4	0.1	0.2	0.3	0.4	0.3
50403C	SHERBROOKE, QUEBEC												
50502R	CASERNE DE POMPIERS #5	-	44	45	-	-	-	-	0.3	-	-	-	-
50503C	WELLINGTON & ALBERT	-	-	70	-	-	-	-	-	-	-	-	-
50502R	CHICOUTIMI, QUEBEC												
50503C	USINE DE FILTRATION	46	19	45	39	58	41	0.1	-	0.0	0.1	0.2	0.1
50601C	222 RACINE	71	32	41	50	58	50	0.3	0.2	0.3	0.5	0.6	0.4
50701C	ROUYN, QUEBEC HOTEL DE VILLE	62	62	-	18	36	45	0.2	1.0	-	0.2	0.1	0.4
50801R	SEPT-ILES, QUEBEC HOTEL DE VILLE	93	35	184	-	-	104	0.2	0.2	0.3	-	-	0.2
50901R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	55	76	68	62	76	67	0.2	0.2	0.3	0.3	0.4	0.3
51002R	ARVIDA, QUEBEC POWELL & HOOPES	281	193	38	41	55	122	0.3	0.2	0.2	0.2	0.4	0.3
51101C	TRACY, QUEBEC GARNEAU & RTE 132	89	96	61	41	70	71	0.3	0.2	0.3	0.2	0.5	0.3
51201I	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	37	33	49	38	36	39	0.1	0.2	0.1	0.2	0.4	0.2
51301R	SHAWINIGAN, QUEBEC FRIGON & LAVAL	452	63	84	-	66	166	0.2	0.0	0.2	-	0.3	0.2
60101C	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	23	13	36	12	33	23	0.1	-	0.3	-	0.1	0.2
60104C	OTTAWA, ONT.												
60105R	88 SLATER ST.	76	51	52	34	60	55	0.6	0.3	0.4	0.4	0.6	0.5
60105R	RIDEAU & WURTEMBERG	48	-	-	28	24	33	0.3	-	-	0.3	0.4	0.3
60105R	NRC, MONTREAL ROAD	45	20	57	27	54	41	0.2	0.2	0.3	0.2	0.3	0.3

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRESEPTEMBER - SEPTEMBRE
1981PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		1	7	13	19	25		1	7	13	19	25	
WINDSOR, ONT.													
60201I	MORTON TERMINAL DOCK	47	43	114	54	44	60	0.0	0.0	0.3	0.0	0.0	0.1
60202C	CITY HALL	63	58	120	74	104	84	0.3	0.3	0.5	0.2	0.7	0.4
60203R	TECUMSEH WATER WORKS	45	34	71	44	68	52	0.0	0.0	0.2	0.0	0.4	0.1
60204C	471 UNIVERSITY AVENUE	91	-	107	81	101	95	0.5	-	0.7	0.4	0.9	0.6
KINGSTON, ONT.													
60301R	QUEEN'S UNIVERSITY	36	39	67	-	-	47	0.2	0.1	0.1	-	-	0.1
TORONTO, ONT.													
60402R	DON MILLS, SCIENCE CNTR	57	30	62	35	60	49	0.4	0.1	0.6	0.4	0.9	0.5
60403I	EVANS & ARNOLD	92	54	123	69	126	93	0.6	0.7	1.8	1.4	2.0	1.3
60409R	REDLANDS CRESCENT	-	28	70	36	52	47	-	0.2	0.5	0.3	0.6	0.4
60410R	LAWRENCE & KENNEDY	-	-	72	45	87	68	-	-	0.7	0.6	1.1	0.8
60412R	BATHURST & WILSON	-	-	-	-	-	-	-	-	-	-	-	-
60413R	ELMCREST ROAD	-	-	-	-	96	-	-	-	-	-	1.0	-
60414I	SHERBOURNE & WILTON ST.	163	60	115	56	115	102	1.0	0.4	0.7	0.5	1.4	0.8
60415R	QUEENSWAY W & HURONTARIO	82	56	153	69	82	88	0.9	0.6	0.6	0.7	1.0	0.8
60417C	26 BREADALBANE	-	36	76	32	51	49	-	0.2	0.7	0.4	0.6	0.5
HAMILTON, ONT.													
60501C	BARTON & SANFORD	65	57	84	61	-	67	0.7	0.7	0.5	0.7	-	0.7
60503I	CHATHAM & FRID	72	53	77	51	104	71	0.2	0.3	0.3	0.2	1.0	0.4
60505R	NORTH PARK	71	69	86	70	79	75	1.0	0.9	0.9	1.1	1.2	1.0
SUDBURY, ONT.													
60602R	ASH STREET	47	46	66	27	51	47	0.2	0.2	0.2	0.0	0.3	0.2
60605C	19 LISGAR STREET	-	-	60	-	-	-	-	-	0.2	-	-	-
SAULT STE. MARIE, ONT.													
60705R	550 QUEEN STREET WEST	74	-	77	-	25	59	0.0	-	0.0	-	0.1	0.0
THUNDER BAY, ONT.													
60801C	14 ALGOMA STREET	20	17	42	29	46	31	0.1	0.2	0.2	0.1	0.2	0.2
60806R	435 JAMES S.	22	67	-	27	42	40	0.0	0.3	-	0.0	0.1	0.1
LONDON, ONT.													
60901C	KING & RECTORY	-	17	122	82	92	78	-	0.0	0.8	0.7	1.3	0.7
60902C	372 DUNDAS	51	26	59	35	53	45	0.2	0.0	0.2	0.2	0.7	0.3
SARNIA, ONT.													
61004R	FRONT ST. AT C.N. TRACKS	57	37	-	37	80	53	0.2	0.0	-	0.0	0.6	0.2
PETERBOROUGH, ONT.													
61103C	500 GEORGE STREET	52	39	62	39	-	48	0.2	0.4	0.5	0.5	-	0.4
CORNWALL, ONT.													
61201R	MEMORIAL PARK	34	90	-	50	80	64	0.0	0.4	-	0.0	0.2	0.2
ST. CATHARINES, ONT.													
61301C	NORTH ST. & GENEVA ST.	53	33	66	42	73	53	0.3	0.2	0.0	0.2	0.7	0.3
KITCHENER, ONT.													
61501C	EDNA & FREDERICK	69	42	81	60	96	70	0.7	0.7	0.2	0.5	1.1	0.6
OAKVILLE, ONT.													
61602R	BRONTE AND WOBURN CRES.	81	43	97	52	67	68	0.4	0.3	0.5	0.4	0.7	0.5
OSHAWA, ONT.													
61701R	RITSON RD. & OLIVE AVE.	70	44	112	56	92	75	0.6	0.3	0.8	0.6	0.8	0.6
GUELPH, ONT.													
61801C	FARQUHAR & WYNDHAM	55	34	77	42	50	52	0.3	0.1	0.6	0.3	0.5	0.4
WINNIPEG, MAN.													
70102R	PORTAGE & WOODLAWN	54	54	81	54	40	57	0.4	0.7	1.0	0.7	0.3	0.6
70104I	UNION STOCK YARDS	-	33	83	49	50	54	-	0.1	0.2	0.2	0.3	0.2
70118R	JEFFERSON & SCOTIA	27	20	50	24	31	30	0.3	0.1	0.3	0.2	0.2	0.2
70119C	65 ELLEN STREET	86	44	64	46	151	78	0.7	0.2	0.3	0.4	0.6	0.4
70120R	604 ST. MARY'S RD.	38	21	60	39	37	39	0.5	0.1	0.4	0.3	0.4	0.3
BRANDON, MAN.													
70201C	11TH ST. & PRINCESS AVE.	82	62	77	95	56	74	0.1	1.4	0.2	0.5	0.4	0.5
REGINA, SASK.													
80102R	3211 ALBERT STREET	84	59	60	100	-	76	0.1	0.3	0.1	0.1	-	0.1
80108C	12TH AVE. & SMITH ST.	123	69	75	100	-	92	0.2	0.4	0.2	0.2	-	0.2
80109C	1620 ALBERT STREET	135	73	88	176	-	118	0.6	0.7	0.4	0.3	-	0.5
SASKATOON, SASK.													
80203R	30TH ST. & 833 P AVE.	-	126	49	294	41	128	-	0.1	0.1	0.2	0.2	0.2
80209C	IDYLWYLD DR. & 33RD ST.	-	139	54	228	70	123	-	0.3	0.3	0.1	0.5	0.3
MOOSE JAW, SASK.													
80301C	FAIRFORD ST. & 1ST AVE.	144	85	68	226	40	113	0.2	0.2	0.1	0.2	0.2	0.2
PRINCE ALBERT, SASK.													
80401C	1257-1ST AVE. EAST	208	54	96	208	66	126	0.2	0.4	0.2	0.1	0.3	0.2
EDMONTON, ALTA.													
90121I	17 STREET & 105 AVENUE	105	46	62	138	85	87	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	59	58	51	93	63	65	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE
SEPTEMBER - SEPTEMBRE
1981
PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		1	7	13	19	25		1	7	13	19	25	
90130C	10255 - 104TH STREET	95	56	127	220	150	130	-	-	-	-	-	-
	CALGARY, ALTA.												
90204C	316-7TH AVENUE	213	123	154	274	117	176	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	255	95	180	301	111	188	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	57	60	91	107	33	70	-	-	-	-	-	-
	RED DEER, ALTA.												
90301C	4747 50TH STREET	48	52	86	144	46	75	-	-	-	-	-	-
	LETHBRIDGE, ALTA.												
90501C	13 ST. & 9 AVENUE S.	151	56	101	122	75	101	-	-	-	-	-	-
	YELLOWKNIFE, N.W.T.												
99001C	50TH AVE. & 49TH STREET	-	-	-	-	-	-	-	-	-	-	-	-
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	37	62	60	38	101	60	0.6	1.6	1.8	0.4	1.8	1.2
00104R	27TH & ONTARIO	21	55	-	-	73	50	0.4	1.2	-	-	1.6	1.1
00106R	2294 WEST 10TH AVENUE	18	39	31	22	54	33	0.3	1.3	0.9	0.4	1.0	0.8
00108I	250 WEST 70TH AVENUE	-	68	52	38	89	62	-	1.3	1.6	0.3	1.2	1.1
00109C	970 BURRARD	60	68	62	50	91	66	1.0	1.5	1.2	0.7	1.4	1.1
00110R	E. HASTINGS & KENSINGTON	33	42	50	36	54	43	0.5	0.6	0.8	0.4	0.9	0.6
00111I	ROCKY PT. PARK	60	-	46	29	-	45	0.5	-	0.7	0.4	-	0.5
00113P	BCIT BURNABY	35	95	69	37	92	66	0.2	0.9	0.8	0.2	0.7	0.5
00114C	MUNICIPAL HALL, RICHMOND	24	74	28	32	82	48	0.5	1.0	0.6	0.5	1.9	0.9
00115R	NEWTON ELEM. SCH., SURREY	34	56	46	26	65	45	1.2	0.9	0.9	0.2	1.5	0.9
00116R	FIRE HALL, N. VANCOUVER	93	48	59	-	-	67	0.8	1.3	1.4	-	-	1.2
00117I	ANNACIS ISLAND, DELTA	25	54	52	37	83	50	0.4	1.6	1.9	0.4	2.0	1.3
	PRINCE GEORGE, B.C.												
00202C	1011 4TH AVENUE	33	54	105	33	117	68	0.3	0.2	0.4	0.2	0.6	0.3
	VICTORIA, B.C.												
00302C	1106 COOK ST.	36	51	61	32	89	54	0.3	0.9	1.7	0.2	0.4	0.7
	KAMLOOPS, B.C.												
00401C	301 SEYMOUR ST.	52	-	109	36	77	69	0.7	-	0.7	0.4	0.8	0.6
	WHITEHORSE, YUKON												
09001C	FEDERAL BUILDING	97	42	-	-	61	67	0.4	0.1	-	-	0.2	0.2

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2SEPTEMBER - SEPTEMBRE
1981DIOXYDE DE SOUFRE ET
PARTICULES EN ASSOCIATION
1000*(MICROGRAMMES/METRE CUBE)**2

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		1	7	13	19	25
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	1	-	-	0	0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	-	0	0	0	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	1	0	-	0	0
30115I	CFB SHEARWATER	0	0	-	0	-
30310C	SYDNEY, N.S. COUNTY JAIL	-	-	0	-	0
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	1	0	1	-
50103R	POINTE-AUX-TREMBLES	1	1	19	6	3
50104C	1125 ONTARIO EST	-	1	1	0	1
50105C	1212 DRUMMOND	-	-	-	-	-
50106R	VILLE ST-LAURENT	-	0	2	0	0
50109C	DUNCAN & DECARIE	0	1	1	0	5
50110C	PARC PILON, MTL.-NORD	0	1	-	1	1
50112C	BOUL. LAURENTIDES	-	1	0	-	1
50113R	PIE X & CARDINAL	0	1	0	-	1
50115C	METCALFE & MAISONNEUVE	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	0	0	1	0	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	0	0	0	0	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILOU	-	-	-	-	-
50304C	325 DORCHESTER SUD	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	0	0	0	1	0
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	0	-	0	0
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	0	0	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	0	1	0	1	2
50901R	ARVIDA, QUEBEC POWELL & HOOPES	49	27	0	0	0
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	33	1	2	-	1
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	1	0	1	0	2
60104C	RIDEAU & WURTEMBERG	0	-	-	0	1
60105R	NRC, MONTREAL ROAD	-	-	-	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	1	1	2	2	0
60204C	471 UNIVERSITY AVENUE	2	-	5	-	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	3	0	1	1	2
60403I	EVANS & ARNOLD	1	0	0	0	2
60409R	REDLANDS CRESCENT	-	0	0	0	0
60410R	LAWRENCE & KENNEDY	-	-	0	0	1
60412R	BATHURST & WILSON	-	-	-	-	-
60413R	ELMCREST ROAD	-	-	-	-	-
60414I	SHERBOURNE & WILTON ST.	0	0	0	1	2
60415R	QUEENSWAY W & HURONTARIO	0	0	0	0	2
60417C	26 BREADALBANE	-	1	3	0	2
60501C	HAMILTON, ONT. BARTON & SANFORD	1	0	0	0	-
60505R	NORTH PARK	4	1	2	4	1
60602R	SUDBURY, ONT. ASH STREET	0	0	9	0	2
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	-	0	0
60901C	LONDON, ONT. KING & RECTORY	-	1	3	0	0

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

SEPTEMBER - SEPTEMBRE
1981

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		1	7	13	19	25
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	4	2	-	1	3
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	1	0	0	0	-
61201R	CORNWALL, ONT. MEMORIAL PARK	0	3	-	1	3
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	1	0	0	0	0
61501C	KITCHENER, ONT. EDNA & FREDERICK	1	0	0	0	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	1	0	0	2	0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	0	0	-	0	0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	2	0	0	-	1
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	-	-	-	-	-
70119C	65 ELLEN STREET	-	-	0	0	0
70120R	604 ST. MARY'S RD.	0	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	-	-	-	-	-
80209C	SASKATOON, SASK. IDYLLWYLD DR. & 33RD ST.	-	-	-	-	-
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	0	-	-	3	0
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	-	0	1	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	0	0	3	1
90222R	39 ST. & 29 AVE. N.W.	0	1	0	1	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	0	2	1	0	1
00110R	E. HASTINGS & KENSINGTON	0	3	0	0	-
00111I	ROCKY PT. PARK	1	-	1	1	-
00302C	VICTORIA, B.C. 1106 COOK ST.	0	0	0	0	1
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	0	-	0	0	0

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

SEPTEMBER - SEPTEMBRE
1981

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	-	0.1 **
30309I	PT EDWARD, RICHMOND PLST	5.2	0.2 **
30310C	COUNTY JAIL	-	0.1 **
30311R	WHITNEY PIER FIRE STN.	-	0.4 **
	GLACE BAY, N.S.		
30401R	LAKE ROAD	-	0.2 **
30405C	GENERAL HOSPITAL	-	0.3 **
	MONTREAL, QUEBEC		
50101R	PARC JARRY	-	- *
50102R	JARDIN BOTANIQUE	1.0	- *
50103R	POINTE-AUX-TREMBLES	-	- *
50106R	VILLE ST-LAURENT	-	- *
50107R	VILLE LASALLE	-	- *
	TORONTO, ONT.		
60403I	EVANS & ARNOLD	4.5	-
60404R	5126 YONGE STREET	2.8	-
60405I	JOHN STREET PUMP STATION	6.5	-
60406R	ROSEHILL RESERVOIR	2.2	-
60408C	DANFORTH & ROBINSON	2.7	-
	HAMILTON, ONT.		
60501C	BARTON & SANFORD	8.8	-
60502I	BURLINGTON & GAGE	11.2	-
60503I	CHATHAM & FRID	6.1	-
60507C	HUGHSON & HUNTER	6.9	-
60510I	STRATHEARN	23.4	-
	SAULT STE. MARIE, ONT.		
60702R	ANNA MCREA PUBLIC SCHOOL	0.9	-
60703I	BAYVIEW & YOUNG	-	-
	THUNDER BAY, ONT.		
60801C	14 ALGOMA STREET	3.3	-
	LONDON, ONT.		
60901C	KING & RECTORY	1.7	-
	WINNIPEG, MAN.		
70105R	MARTIN & HENDERSON HWY	14.1	0.2 **
70110C	KENNEDY & ST. MARY'S	6.2	-
70113I	WINDERMERE & ROCKMAN	5.0	0.0 **
70115C	PORTAGE & MINTO	5.8	0.1 **
70116I	SMITH & KING	10.1	0.2 **
	EDMONTON, ALTA.		
90125C	PRINS ELIZABETH & 108 ST	-	0.1 **
90126R	77 AVENUE & 85 STREET	6.1	0.0 **
90127I	115 AVENUE & 159 STREET	23.5	0.1 **
90128R	99 AVENUE & 160 STREET	1.7	- **
	CALGARY, ALTA.		
90219C	620-7TH AVENUE, S.W.	6.7	- **
90221R	DALHOUSIE DR & DALHAM DR	3.0	0.2 **
90223C	11 ST. & 38 AVE. S.E.	3.7	- **
90224I	OGDENDALE & 71 AVE S.E.	-	- **
90225R	PALLISER DR & OAKWOOD SW	5.0	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	4.1	0.2 **

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

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