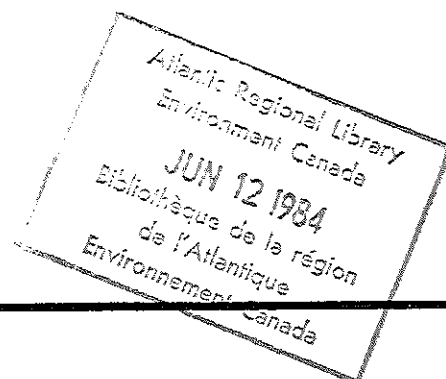




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Monthly Summary September 1983

National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

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Surveillance Report
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Rapport de surveillance
EPS 5-EP-83-9

Direction générale des programmes
de protection de l'environnement

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SULPHUR DIOXIDE
PARTS PER HUNDRED MILLION

SEPTEMBER - SEPTEMBRE
1983

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
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	631	***	1	1	2	3	1	1	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	652	***	1	3	5	6	1	2	3	3
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	---	-	-	-	-	-	-	-	-
30115I	CFB SHEARWATER	0	---	-	-	-	-	-	-	-	-
30116C	BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	0	---	-	-	-	-	-	-	-	-
30311R	WHITNEY PIER FIRE STN.	0	---	-	-	-	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	714	***	0	2	4	10	0	2	2	2
50101R	MONTREAL, QUEBEC 7405 CHAMPAGNEUR	720	***	1	2	3	5	1	2	2	2
50102R	JARDIN BOTANIQUE	696	***	1	1	2	3	1	1	1	1
50103R	POINTE-AUX-TREMBLES	587	***	1	3	7	11	1	3	5	5
50104C	1125 ONTARIO EST	634	***	0	1	3	12	0	1	1	2
50106R	VILLE ST-LAURENT	720	***	0	1	1	2	0	1	1	1
50108R	1700 BOURASSA, LONGUEUIL	560	***	0	1	1	2	0	1	1	1
50109C	DUNCAN & DECARIE	718	***	1	2	2	5	1	1	1	1
50110C	PARC PILON, MTL.-NORD	64	---	1	1	2	2	1	1	1	1
50112C	BOUL. LAURENTIDES	0	---	-	-	-	-	-	-	-	-
50113R	PIE X & CARDINAL	535	***	0	1	1	1	0	0	1	1
50115C	1001 BOUL MAISONNEUVE O.	697	***	1	2	3	7	1	2	2	2
50116R	3151 JOSEPH, VERDUN	720	***	0	0	1	4	0	0	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	572	***	1	1	1	2	1	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	496	1.1	1	5	19	32	1	7	10	11
50304C	325 DORCHESTER SUD	538	1.3	1	5	22	42	1	7	12	12
50306R	2026 BLVD. ST-CYRILLE	637	***	1	2	5	16	1	2	2	2
50601C	ROUYN, QUEBEC HOTEL DE VILLE	660	***	0	0	1	1	0	0	0	0
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	660	***	0	0	1	1	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	591	***	0	3	5	18	1	3	5	5
50901R	ARVIDA, QUEBEC POWELL & HOOPES	653	1.1	1	7	13	20	1	5	7	7
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	603	***	0	1	4	13	1	1	1	1
51201I	SHAWINIGAN, QUEBEC PRIGON & LAVAL	497	1.1	1	7	13	20	1	6	10	10
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	651	***	0	3	14	20	1	2	6	6
60101C	OTTAWA, ONT. 83 SLATER ST.	684	***	1	2	2	3	1	2	2	2
60104C	RIDEAU & WURTEMBURG	643	***	0	1	1	3	0	0	1	1
60105R	NRC, MONTREAL ROAD	574	***	0	1	1	4	0	0	1	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	712	***	1	2	3	5	1	2	2	2
60204C	471 UNIVERSITY AVENUE	705	***	1	3	4	6	1	2	2	2
60211R	COLLEGE & PRINCE	708	***	1	3	4	6	1	2	3	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	597	***	1	2	3	6	1	1	2	2
60403I	EVANS & ARNOLD	690	***	1	1	2	3	1	1	2	2
60409R	REDLANDS CRESCENT	339	---	1	2	3	4	1	1	1	1
60410R	LAWRENCE & KENNEDY	644	***	0	1	3	8	0	1	1	1
60412R	BATHURST & WILSON	674	***	1	2	3	6	1	2	2	2
60413R	ELMCREST ROAD	690	***	1	2	4	8	1	1	2	2
60414I	SHEERBOURNE & WILTON ST.	665	***	1	2	3	8	1	2	2	2
60415R	QUEENSWAY W & HURONTARIO	487	***	1	2	4	6	1	1	2	2
60417C	26 BREADALBANE STREET	713	***	0	1	3	7	0	1	1	1

*** 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 MILLIONSEPTEMBER - SEPTEMBRE
1983DIOXYDE 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
60501C	HAMILTON, ONT. BARTON & SANFORD	646	1.3	1	4	6	8	2	3	3	4
60505R	NORTH PARK	687	2.2	3	6	7	10	3	4	5	5
60602R	SUDBURY, ONT. ASH STREET	684	1.5	1	7	18	39	2	5	8	9
60606C	KENNEDY STREET	695	1.4	0	7	24	47	1	6	7	8
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	716	***	1	3	7	10	1	3	4	4
60806R	THUNDER BAY, ONT. 435 JAMES S.	177	---	0	1	1	2	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	665	***	0	1	2	4	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	707	1.2	1	7	12	13	2	4	8	8
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	---	-	-	-	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	702	***	0	4	10	25	1	3	5	5
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	698	***	0	3	6	9	1	3	3	4
61501C	KITCHENER, ONT. EDNA & FREDERICK	609	***	0	1	1	5	0	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	710	***	0	4	7	10	1	3	4	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	520	***	0	1	2	2	0	1	1	1
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	0	---	-	-	-	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	673	***	0	0	1	2	0	0	0	0
70119C	65 ELLEN STREET	681	***	0	0	3	5	0	1	1	1
70120R	604 ST. MARY'S RD.	690	***	0	0	0	1	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	663	***	0	0	1	4	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	468	***	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	679	***	0	0	1	3	0	0	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	690	***	1	2	3	4	1	1	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	681	***	0	1	1	2	0	0	1	1
00110R	E. HASTINGS & KENSINGTON	716	***	1	2	3	5	1	1	2	2
00111I	ROCKY PT. PARK	656	***	0	1	2	4	0	1	2	2
00112C	ROBSON/HORNBY	709	***	1	1	2	3	1	1	1	1
00302C	VICTORIA, B.C. 1250 QUADRA ST.	346	---	1	2	3	4	1	1	1	1
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	704	***	0	0	1	1	0	0	0	0

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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.

CARBON MONOXIDE
PARTS PER MILLIONSEPTEMBER - SEPTEMBRE
1983MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS - MOYENNES				MEANS - MOYENNES			
				INTERVALS - INTERVALLES				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	680	0.6	1	2	2	3	1	1	2	2	1	1	1	1
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	715	1.4	1	3	4	9	1	2	4	5	2	2	3	3
	MONTREAL, QUEBEC														
50102R	JARDIN BOTANIQUE	720	***	1	2	4	7	0	2	2	4	0	1	2	2
50103R	POINTE-AUX-TREMBLES	720	0.8	1	2	3	7	1	2	2	4	1	2	2	2
50104C	1125 ONTARIO EST	720	2.0	2	5	9	17	2	6	7	11	2	6	6	8
50108R	1700 BOURASSA, LONGUEUIL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	720	2.1	3	5	7	15	3	4	5	5	3	4	4	5
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	587	1.0	1	3	8	13	1	3	5	8	1	3	4	4
50113R	PIE X & CARDINAL	674	0.8	1	3	5	12	1	2	4	7	1	2	3	3
50115C	1001 BOUL MAISONNEUVE O.	688	2.9	4	6	8	10	4	6	7	7	3	4	5	6
50116R	3161 JOSEPH, VERDUN	283	---	1	2	3	4	1	2	2	2	1	1	1	1
	HULL, QUEBEC														
50203R	GAMBLIN & JOFFRE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
	QUEBEC, QUEBEC														
50304C	325 DORCHESTER SUD	617	1.3	2	4	4	6	2	3	3	4	2	2	3	3
	OTTAWA, ONT.														
60101C	88 SLATER ST.	703	1.9	3	5	6	10	3	4	5	6	2	3	4	4
60104C	RIDEAU & WURTEMBERG	708	***	0	1	3	5	0	1	2	3	0	1	1	1
	WINDSOR, ONT.														
60204C	471 UNIVERSITY AVENUE	705	0.9	1	2	3	6	1	2	3	3	1	2	2	2
	TORONTO, ONT.														
60402R	DON MILLS, SCIENCE CNTR	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	708	2.2	3	5	6	9	3	5	5	6	3	4	4	5
60410R	LAWRENCE & KENNEDY	709	0.8	1	3	5	7	1	2	3	4	1	2	3	3
60412R	BATHURST & WILSON	707	1.8	2	4	5	7	2	3	4	5	2	3	3	4
60413R	ELMCREST ROAD	663	1.9	2	3	4	6	2	3	4	4	2	3	3	3
60414I	SHEREBOURNE & WILTON ST.	702	1.5	2	3	4	6	2	2	4	4	2	2	3	3
60415R	QUEENSWAY W & HURONTARIO	453	1.5	2	3	4	5	2	3	4	4	2	3	3	3
60416C	381 YONGE STREET	718	3.5	4	8	12	18	4	7	9	14	4	6	7	9
60417C	26 BREADALBANE STREET	704	1.3	2	3	4	6	2	2	3	4	2	2	3	3
	HAMILTON, ONT.														
60501C	BARTON & SANFORD	569	1.2	1	3	5	9	1	3	4	5	1	3	3	3
	SUDBURY, ONT.														
60602R	ASH STREET	611	***	0	0	1	7	0	0	1	1	0	0	0	0
	SAULT STE. MARIE, ONT.														
60706I	FARWELL PUMP HOUSE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
	LONDON, ONT.														
60901C	KING & RECTORY	678	***	0	2	4	6	1	1	2	3	1	1	1	1
	SARNIA, ONT.														
61004R	FRONT ST. AT C.N. TRACKS	691	***	0	1	2	4	0	1	1	2	0	1	1	1
	CORNWALL, ONT.														
61201R	MEMORIAL PARK	703	***	0	1	2	3	0	1	1	2	0	0	1	1
	ST. CATHARINES, ONT.														
61301C	NORTH ST. & GENEVA ST.	700	0.9	1	3	3	7	1	3	3	4	1	3	3	3
	KITCHENER, ONT.														
61501C	EDNA & FREDERICK	707	1.1	1	3	5	6	1	2	3	3	1	2	2	2
	OAKVILLE, ONT.														
61602R	BRONTE AND WOBURN CRES.	650	1.5	1	4	8	11	2	4	6	8	2	3	4	5
	OSHAWA, ONT.														
61701R	RITSON RD. & OLIVE AVE.	698	2.7	3	5	6	10	3	5	5	5	3	4	5	5
	WINNIPEG, MAN.														
70118R	JEFFERSON & SCOTIA	623	***	0	2	4	8	1	2	4	4	1	2	2	2
70119C	55 ELLEN STREET	673	0.5	1	2	3	6	1	2	3	3	1	1	2	2
70120R	604 ST. MARY'S RD.	690	***	0	2	5	8	1	2	4	5	1	1	3	3
	REGINA, SASK.														
80109C	1620 ALBERT STREET	653	0.9	1	4	6	9	1	4	5	6	1	3	5	5

*** 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
1983MONOXYDE 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
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	637	***	1	2	3	5	1	1	2	2	1	1	1	1
	EDMONTON, ALTA.														
90121I	17 STREET & 105 AVENUE	702	0.8	1	2	3	5	1	2	2	2	1	1	2	2
90122R	127 ST. & 133 AVENUE	702	1.0	1	4	6	9	1	3	4	5	1	3	3	3
90130C	10255 - 104TH STREET	701	1.6	2	4	5	11	2	4	4	5	2	3	4	4
	CALGARY, ALTA.														
90222R	39 ST. & 29 AVE. N.W.	701	0.7	1	2	4	9	1	2	3	4	1	1	2	2
90227C	1611-4TH STREET S.W.	694	1.6	2	4	6	15	2	3	4	4	2	2	3	3
	VANCOUVER, B.C.														
00106R	2294 WEST 10TH AVENUE	702	1.1	1	4	5	9	2	3	4	4	1	3	3	3
00108I	250 WEST 70TH AVENUE	709	1.5	2	4	6	12	2	3	4	5	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	693	***	0	2	3	5	0	1	2	2	0	1	2	2
00111I	ROCKY PT. PARK	656	***	1	2	3	5	1	1	2	2	1	1	2	2
00112C	ROBSON/HORNBY	704	2.1	3	5	7	12	3	4	5	7	2	3	4	4
	VICTORIA, B.C.														
00302C	1250 QUADRA ST.	706	0.9	1	3	6	7	1	2	3	4	1	2	2	2

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLIONSEPTEMBER - SEPTEMBRE
1983DIOXYDE 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			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30116C	CFB SHEARWATER	0	---	-	-	-	-	-	-	-	-
	BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B.										
	POST OFFICE	712	2.2	3	7	10	21	3	6	7	8
50102R	MONTREAL, QUEBEC										
50104C	JARDIN BOTANIQUE	510	5.0	6	8	11	11	5	7	8	8
50108R	1125 ONTARIO EST	719	2.4	3	4	6	10	3	4	4	4
50109C	1700 BOURASSA, LONGUEUIL	149	---	3	5	10	10	3	5	6	6
50110C	DUNCAN & DECARIE	486	2.9	4	6	7	7	3	6	6	6
50112C	PARC PILON, MTL.-NORD	710	3.3	4	6	8	11	4	5	6	6
50113R	BOUL. LAURENTIDES	697	1.9	2	4	6	11	2	4	4	4
50115C	PIE X & CARDINAL	549	2.2	2	5	7	11	2	4	5	5
50116R	1001 BOUL MAISONNEUVE O.	346	---	3	6	7	7	3	6	6	6
	3161 JOSEPH, VERDUN	670	1.9	3	4	4	6	3	3	4	4
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	696	***	1	2	4	6	1	2	2	2
50304C	QUEBEC, QUEBEC										
	325 DORCHESTER SUD	598	2.7	3	5	6	7	3	4	5	5
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	706	2.3	3	5	6	6	3	4	4	4
60105R	RIDEAU & WURTEMBERG	712	1.3	2	3	4	6	1	2	3	3
	NRC, MONTREAL ROAD	626	1.1	1	3	4	9	1	2	2	3
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	705	3.0	4	6	7	12	3	5	6	6
60402R	TORONTO, ONT.										
60403I	DON MILLS, SCIENCE CNTR	712	2.0	2	4	6	7	2	3	4	4
60410R	EVANS & ARNOLD	709	4.0	4	8	12	16	4	7	9	9
60412R	LAWRENCE & KENNEDY	683	2.4	3	5	7	8	3	4	4	4
60413R	BATHURST & WILSON	706	2.9	4	7	8	9	4	6	6	6
60414I	ELMCREST ROAD	707	2.0	2	4	6	7	2	3	4	4
60415R	SHERBOURNE & WILTON ST.	640	3.5	4	6	7	9	4	5	5	6
60417C	QUEENSWAY W & HURONTARIO	460	2.6	3	5	6	7	3	3	4	4
	26 BREADALBANE STREET	706	2.7	3	5	6	7	3	4	4	4
60501C	HAMILTON, ONT.										
60505R	BARTON & SANFORD	702	2.6	3	6	7	8	3	5	6	6
	NORTH PARK	684	3.5	5	7	8	9	5	6	6	7
60602R	SUDBURY, ONT.										
	ASH STREET	688	***	1	2	2	5	1	1	1	1
60706I	SAULT STE. MARIE, ONT.										
	FARWELL PUMP HOUSE	0	---	-	-	-	-	-	-	-	-
60901C	LONDON, ONT.										
	KING & RECTORY	702	1.9	2	4	5	6	2	3	4	4
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	694	1.8	2	5	6	9	2	4	5	5
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	707	***	1	2	3	4	1	1	2	2
61301C	ST. CATHARINES, ONT.										
	NORTH ST. & GENEVA ST.	701	3.2	5	6	6	7	4	5	5	6
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	409	1.6	2	3	5	10	2	3	3	4
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	711	2.0	2	4	5	7	2	3	3	4
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	711	2.8	4	5	6	7	4	4	4	5
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	54	---	0	0	0	0	0	0	0	0
	65 ELLEN STREET	672	***	0	1	1	2	0	1	1	1
80109C	REGINA, SASK.										
	1620 ALBERT STREET	711	1.6	2	4	6	9	2	4	4	4
90122R	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	714	2.4	3	5	7	15	3	4	5	5
	10255 - 104TH STREET	703	2.1	3	4	4	6	2	3	4	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.

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

SEPTEMBER - SEPTEMBRE
1983

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							
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR 70	1-HOUR 95	1-HOUR 99	1-HOUR MAX	24-HOUR 70	24-HOUR 95	24-HOUR 99	24-HOUR MAX
CALGARY, ALTA.											
90222R	39 ST. & 29 AVE. N.W.	695	1.6	2	4	5	8	2	3	3	3
90227C	1611-4TH STREET S.W.	679	2.7	3	4	6	8	3	4	4	4
VANCOUVER, B.C.											
00106R	2294 WEST 10TH AVENUE	675	2.8	4	5	7	8	3	4	5	5
00108I	250 WEST 70TH AVENUE	219	---	2	4	4	5	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	521	2.0	2	4	6	11	2	3	4	4
00111I	ROCKY PT. PARK	537	1.7	2	4	6	9	2	3	4	4
00112C	ROBSON/HORNBY	704	2.8	3	5	7	8	3	4	4	5
VICTORIA, B.C.											
00302C	1250 QUADRA ST.	262	---	4	5	6	7	3	4	4	4

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

OZONE
PARTS PER HUNDRED MILLIONSEPTEMBER - SEPTEMBRE
1983OZONE
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
30115I	HALIFAX, N.S.	0	---	-	-	-	-	-	-	-	-
30116C	CFB SHEARWATER BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	232	---	3	4	5	7	3	4	4	4
50102R	MONTREAL, QUEBEC										
50103R	JARDIN BOTANIQUE	658	1.8	2	6	7	8	2	6	6	7
50104C	POINTE-AUX-TREMBLES	96	---	1	2	3	3	0	1	1	1
50108R	1125 ONTARIO EST	655	1.5	2	5	6	7	2	4	5	5
50109C	1700 BOURASSA, LONGUEUIL	554	1.6	2	5	6	7	2	4	5	5
50110C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50112C	PARC PILON, MTL.-NORD	710	1.5	2	5	7	9	2	5	6	6
50113R	BOUL. LAURENTIDES	674	2.1	3	6	7	8	2	5	5	6
50115C	PIE X & CARDINAL	563	3.0	4	8	9	10	4	7	8	8
50116R	1001 BOUL MAISONNEUVE O.	714	0.9	1	4	6	7	1	4	5	5
50304C	325 DORCHESTER SUD	560	0.6	1	3	5	5	1	3	3	4
50306R	2026 BLVD. ST-CYRILLE	688	1.9	3	5	8	8	2	5	6	7
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	672	0.9	1	4	6	7	1	4	5	5
60105R	RIDEAU & WURTEMBERG	708	1.8	2	5	7	8	2	5	6	6
60204C	NRC, MONTREAL ROAD	710	1.7	2	6	7	8	2	5	6	6
60402R	WINDSOR, ONT.										
60403I	471 UNIVERSITY AVENUE	608	2.1	3	6	7	9	3	4	4	4
60410R	TORONTO, ONT.										
60413R	DON MILLS, SCIENCE CNTR	695	2.0	3	6	8	10	2	4	5	5
60414I	EVANS & ARNOLD	708	1.8	2	6	8	9	2	5	5	6
60415R	LAWRENCE & KENNEDY	703	1.8	3	5	8	9	2	4	5	5
60417C	ELMCREST ROAD	479	1.6	2	6	8	9	2	4	4	5
60501C	SHERBOURNE & WILTON ST.	702	1.4	2	4	6	7	2	3	4	4
60602R	QUEENSWAY W & HURONTARIO	0	---	-	-	-	-	-	-	-	-
60706I	26 BREADALBANE STREET	710	2.1	3	6	8	10	2	5	5	5
60806R	HAMILTON, ONT.										
60901C	BARTON & SANFORD	692	2.3	3	7	8	10	3	5	6	7
61004R	SUDBURY, ONT.										
61201R	ASH STREET	684	1.2	2	3	4	4	2	3	3	3
61301C	SAULT STE. MARIE, ONT.										
61501C	FARWELL PUMP HOUSE	686	2.1	3	5	7	9	3	4	6	6
61602R	THUNDER BAY, ONT.										
61701R	435 JAMES S.	674	1.1	2	3	4	5	1	2	2	2
70118R	LONDON, ONT.										
70119C	KING & RECTORY	701	2.3	3	6	8	9	3	5	6	6
80109C	SARNIA, ONT.										
90122R	FRONT ST. AT C.N. TRACKS	706	2.8	3	7	10	11	3	5	7	7
90130C	CORNWALL, ONT.										
90130C	MEMORIAL PARK	706	2.7	4	6	8	8	3	6	7	7
90130C	ST. CATHARINES, ONT.										
90130C	NORTH ST. & GENEVA ST.	698	3.3	4	7	9	10	4	6	7	7
90130C	KITCHENER, ONT.										
90130C	EDNA & FREDERICK	713	2.2	3	6	8	9	3	6	6	6
90130C	OAKVILLE, ONT.										
90130C	BRONTE AND WOBURN CRES.	699	2.1	3	5	7	8	2	4	5	5
90130C	OSHAWA, ONT.										
90130C	RITSON RD. & OLIVE AVE.	709	2.4	3	7	9	10	3	5	6	6
90130C	WINNIPEG, MAN.										
90130C	JEFFERSON & SCOTIA	594	2.0	2	4	5	6	2	3	4	4
90130C	65 ELLEN STREET	0	---	-	-	-	-	-	-	-	-
90130C	REGINA, SASK.										
90130C	1620 ALBERT STREET	586	1.4	2	4	6	7	2	3	3	4
90130C	EDMONTON, ALTA.										
90130C	127 ST. & 133 AVENUE	682	1.5	2	4	5	5	2	3	3	3
90130C	10255 - 104TH STREET	690	1.0	1	2	3	4	1	2	2	3

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

OZONE PARTS PER HUNDRED MILLION			SEPTEMBER - SEPTEMBRE 1983				OZONE PARTIES PAR CENT MILLIONS								
STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES							
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
CALGARY, ALTA.															
90222R	39 ST. & 29 AVE. N.W.	685	2.1	3	4	4	5	2	3	3	3	2	3	3	3
90227C	1611-4TH STREET S.W.	672	1.2	2	3	4	4	2	2	2	2	2	2	2	2
VANCOUVER, B.C.															
00106R	2294 WEST 10TH AVENUE	695	0.8	1	3	3	3	1	2	3	3	1	2	3	3
00108I	250 WEST 70TH AVENUE	709	1.2	2	3	4	4	1	2	3	3	1	2	3	3
00110R	E. HASTINGS & KENSINGTON	356	---	1	2	3	3	1	2	2	2	1	2	2	2
00111I	ROCKY PT. PARK	705	1.2	2	4	6	6	1	2	2	3	1	2	2	3
00112C	ROBSON/HORNEY	679	***	1	1	2	2	1	1	1	1	1	1	1	1
VICTORIA, B.C.															
00302C	1250 QUADRA ST.	260	---	2	3	3	4	2	2	2	2	2	2	2	2

*** 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.SEPTEMBER - SEPTEMBRE
1983INDICE DE SOUILLURE
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
MONTREAL, QUEBEC											
50101R	7405 CHAMPAGNEUR	294	0.21	0.2	0.4	0.8	0.8	0.2	0.4	0.4	0.4
50103R	POINTE-AUX-TREMBLES	315	0.17	0.2	0.3	0.4	0.7	0.2	0.2	0.3	0.3
50109C	DUNCAN & DECARIE	287	0.34	0.4	0.9	1.2	1.6	0.4	0.6	0.9	0.9
50110C	PARC PILON, MTL.-NORD	316	0.31	0.3	1.0	2.0	2.5	0.3	0.7	0.9	1.0
50115C	1001 BOUL MAISONNEUVE O.	355	0.38	0.4	0.8	1.3	1.9	0.4	0.6	1.1	1.1
50116R	3161 JOSEPH, VERDUN	278	0.19	0.2	0.6	0.9	1.2	0.2	0.4	0.5	0.5
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	0	----	-	-	-	-	-	-	-	-
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	318	0.12	0.1	0.3	0.5	0.7	0.1	0.2	0.3	0.3
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	241	0.27	0.3	0.8	1.4	1.6	0.3	0.7	0.8	0.8
OTTAWA, ONT.											
60101C	88 SLATER ST.	0	----	-	-	-	-	-	-	-	-
60104C	RIDEAU & WURTEMBURG	620	(1) 0.19	0.3	0.4	0.7	0.8	0.2	0.4	0.4	0.5
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	707	(1) 0.59	0.7	1.3	2.2	3.6	0.7	1.2	1.3	1.4
60211R	COLLEGE & PRINCE	710	(1) 0.59	0.7	1.4	2.0	3.6	0.6	1.2	1.2	1.3
TORONTO, ONT.											
60403I	EVANS & ARNOLD	705	(1) 0.54	0.6	1.4	1.9	2.2	0.6	1.1	1.3	1.3
60410R	LAWRENCE & KENNEDY	662	(1) 0.34	0.4	0.9	1.5	1.7	0.4	0.6	0.7	0.7
60412R	BATHURST & WILSON	707	(1) 0.59	0.8	1.5	2.1	2.2	0.8	1.2	1.4	1.5
60414I	SHERBOURNE & WILTON ST.	697	(1) 0.52	0.6	1.2	1.6	2.0	0.6	0.9	1.0	1.0
60417C	26 BREADALBANE STREET	712	(1) 0.38	0.5	0.8	1.2	1.5	0.5	0.7	0.8	0.8
HAMILTON, ONT.											
60501C	BARTON & SANFORD	704	(1) 0.41	0.4	1.3	1.6	2.3	0.4	1.1	1.3	1.3
60505R	NORTH PARK	677	(1) 0.74	0.9	1.5	1.8	2.3	0.9	1.3	1.3	1.3
SUDBURY, ONT.											
60602R	ASH STREET	688	(1) 0.15	0.2	0.5	0.8	1.1	0.2	0.4	0.5	0.5
LONDON, ONT.											
60901C	KING & RECTORY	666	(1) 0.43	0.5	1.1	1.6	2.1	0.6	0.8	0.8	0.8
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	693	(1) 0.33	0.4	0.8	0.9	1.1	0.4	0.7	0.7	0.7
CORNWALL, ONT.											
61201R	MEMORIAL PARK	686	(1) 0.16	0.2	0.5	0.8	1.0	0.2	0.4	0.6	0.6
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	697	(1) 0.26	0.4	0.7	0.8	1.4	0.3	0.5	0.5	0.6
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	706	(1) 0.44	0.5	0.9	1.4	2.2	0.5	0.8	0.9	1.0
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	706	(1) 0.32	0.4	0.9	1.3	1.5	0.4	0.7	0.8	0.8
WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	309	****	0.0	0.2	0.3	0.9	0.1	0.1	0.2	0.2
70119C	65 ELLEN STREET	357	0.17	0.2	0.5	1.2	1.6	0.2	0.4	0.5	0.5
70120R	604 ST. MARY'S RD.	359	****	0.0	0.3	0.4	0.6	0.1	0.1	0.2	0.2
EDMONTON, ALTA.											
90122R	127 ST. & 133 AVENUE	720	(1) 0.24	0.3	0.8	1.4	1.9	0.3	0.6	0.6	0.7
90130C	10255 - 104TH STREET	720	(1) 0.23	0.3	0.6	0.9	1.1	0.3	0.4	0.5	0.5
CALGARY, ALTA.											
90218I	BONNY BRK & 18A ST. S.E.	716	(1) 0.29	0.3	0.9	1.4	1.9	0.4	0.6	0.7	0.8
90222R	39 ST. & 29 AVE. N.W.	720	(1) ****	0.1	0.3	0.6	1.0	0.1	0.2	0.3	0.3
90227C	1611-4TH STREET S.W.	720	(1) 0.30	0.4	0.7	1.1	1.5	0.4	0.5	0.5	0.6
VANCOUVER, B.C.											
00102R	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/HORNBY	0	----	-	-	-	-	-	-	-	-
PRINCE GEORGE, B.C.											
00202C	1011 4TH AVENUE	0	----	-	-	-	-	-	-	-	-

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.

SEPTEMBER - SEPTEMBRE
1983

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
00302C	VICTORIA, B.C. 1250 QUADRA ST.	0	----	-	-	-	-	-	-	-	-
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	----	-	-	-	-	-	-	-	-

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

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

SEPTEMBER - SEPTEMBRE
1983

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	
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	-	-	-	-	-	-	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	48	58	44	24	33	41	0.1	0.3	0.0	0.2	0.2	0.2
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	44	56	73	51	-	56	0.1	0.1	0.2	0.1	-	0.1
30102R	DALHOUSIE UNIVERSITY	21	19	47	44	-	33	0.1	0.1	0.2	0.1	-	0.1
30114R	MT ST VINCENT UNIVERSITY	22	18	23	38	-	25	0.1	0.0	0.0	0.1	-	0.1
30115I	CFB SHEARWATER	22	21	25	39	-	27	0.1	0.0	0.1	0.0	-	0.0
30310C	SYDNEY, N.S. COUNTY JAIL	23	38	38	47	22	34	0.3	0.2	0.0	0.3	0.4	0.3
30311R	WHITNEY PIER FIRE STN.	33	34	38	74	77	51	0.2	0.2	0.2	0.2	0.2	0.2
30408R	GLACE BAY, N.S. SOUTH STREET	27	24	28	131	53	53	0.0	0.0	0.0	0.0	0.0	0.0
40102C	FREDERICTON, N.B. YORK STREET	32	33	40	54	29	38	0.2	0.3	0.4	0.1	0.2	0.2
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	33	47	37	52	27	39	0.2	0.1	0.2	0.1	0.1	0.1
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	42	-	50	59	38	47	0.3	-	0.3	0.3	0.1	0.3
50103R	POINTE-AUX-TREMBLES	76	107	67	37	54	68	-	-	-	-	-	-
50104C	1125 ONTARIO EST	65	64	71	72	52	65	0.2	0.3	0.7	0.4	0.4	0.4
50108R	1700 BOURASSA, LONGUEUIL	72	62	40	-	79	63	-	-	-	-	-	-
50109C	DUNCAN & DECARIE	110	122	101	89	81	101	0.8	0.8	1.2	0.8	0.8	0.9
50110C	PARC PILON, MTL.-NORD	44	51	47	57	42	48	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	55	58	61	60	51	57	-	-	-	-	-	-
50113R	PIE X & CARDINAL	55	58	45	-	32	48	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	-	92	88	64	52	74	0.3	0.3	0.6	0.2	0.3	0.3
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	49	-	36	25	40	38	0.1	-	0.2	0.1	0.2	0.2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOULOU	66	69	65	140	56	79	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	54	43	60	52	-	52	-	-	-	-	-	-
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	80	60	66	58	57	64	-	-	-	-	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	30	28	21	36	42	31	-	-	-	-	-	-
50503C	222 RACINE	51	39	-	-	-	-	-	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	71	41	73	44	131	72	-	-	-	-	-	-
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	30	52	20	31	29	32	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	88	94	96	115	55	90	-	-	-	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-	-	-	-	-	-	-	-
51002R	TRACY, QUEBEC GARNEAU & RTE 132	64	75	41	90	35	61	-	-	-	-	-	-
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	72	34	68	19	41	47	-	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	164	175	55	480	101	195	-	-	-	-	-	-
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	13	20	22	34	34	25	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	64	-	56	54	31	51	0.2	-	0.4	0.2	0.3	0.3
60104C	RIDEAU & WURTEMBERG	-	-	-	-	-	-	-	-	-	-	-	-
60105R	NRC, MONTREAL ROAD	58	66	48	35	-	52	0.1	0.3	0.3	0.1	-	0.2
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	66	72	41	49	76	61	0.0	0.0	0.0	0.0	0.0	0.0
60202C	CITY HALL	73	-	40	17	98	57	-	-	-	-	-	-
60203R	TECUMSEH WATER WORKS	56	56	25	33	84	51	0.2	0.1	0.0	0.0	0.6	0.2
60204C	471 UNIVERSITY AVENUE	83	93	67	18	108	74	0.3	0.4	0.2	0.1	0.6	0.3
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	-	-	-	-	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	67	91	35	23	55	54	0.5	0.5	0.4	0.2	0.5	0.4
60403I	EVANS & ARNOLD	78	107	50	42	-	69	0.5	0.4	0.5	0.7	-	0.5
60409R	REDLANDS CRESCENT	-	83	35	24	51	48	-	0.0	0.0	0.0	0.0	0.0

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRESEPTEMBER - SEPTEMBRE
1983PLOMB 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		
60410R	LAWRENCE & KENNEDY	74	101	35	38	78	65	0.5	0.6	0.5	0.5	0.8	0.6		
60412R	BATHURST & WILSON	72	86	55	25	-	60	1.0	1.1	1.2	0.2	-	0.9		
60413R	ELMCREST ROAD	78	87	106	26	64	72	0.5	0.1	0.5	0.1	0.4	0.3		
60414I	SHERBOURNE & WILTON ST.	102	114	79	49	121	93	0.6	0.8	0.7	0.3	1.5	0.8		
60415R	QUEENSWAY W & HURONTARIO	93	187	78	51	192	120	0.5	0.3	0.3	0.2	0.4	0.3		
60417C	26 BREADALBANE STREET	64	109	51	38	81	69	0.2	0.4	0.3	0.2	0.5	0.3		
HAMILTON, ONT.															
60501C	BARTON & SANFORD	67	86	77	37	97	73	0.4	0.5	0.6	0.5	0.9	0.6		
60503I	CHATHAM & FRID	82	-	86	46	125	85	0.4	-	0.3	0.2	0.6	0.4		
60505R	NORTH PARK	125	175	59	62	-	105	0.8	0.7	0.4	0.7	-	0.7		
SUDBURY, ONT.															
60602R	ASH STREET	51	42	-	12	44	37	0.1	0.1	-	0.1	0.3	0.2		
60605C	19 LISGAR STREET	94	52	32	23	55	51	0.2	0.3	0.5	0.2	0.5	0.3		
SAULT STE. MARIE, ONT.															
60705R	550 QUEEN STREET WEST	83	-	-	-	-	-	0.1	-	-	-	-	-		
60706I	FARWELL PUMP HOUSE	-	-	20	13	77	37	-	-	0.2	0.2	0.4	0.3		
THUNDER BAY, ONT.															
60801C	14 ALGOMA STREET	58	40	48	23	71	48	-	-	-	-	-	-		
60806R	435 JAMES S.	47	33	-	23	70	43	-	-	-	-	-	-		
LONDON, ONT.															
60901C	KING & RECTORY	94	98	-	22	66	70	0.5	0.5	-	0.2	0.5	0.4		
60902C	372 DUNDAS	54	66	44	15	48	45	0.5	0.4	0.4	0.0	0.4	0.3		
SARNIA, ONT.															
61004R	FRONT ST. AT C.N. TRACKS	-	99	54	43	77	68	-	0.2	0.3	0.1	0.3	0.2		
PETERBOROUGH, ONT.															
61103C	500 GEORGE STREET	68	-	-	-	-	-	0.4	-	-	-	-	-		
CORNWALL, ONT.															
61201R	MEMORIAL PARK	-	-	-	-	-	-	-	-	-	-	-	-		
ST. CATHARINES, ONT.															
61301C	NORTH ST. & GENEVA ST.	72	115	50	51	96	77	0.3	0.4	0.3	0.3	0.6	0.4		
KITCHENER, ONT.															
61501C	EDNA & FREDERICK	56	66	60	16	61	52	0.7	0.3	1.4	0.2	1.1	0.7		
OAKVILLE, ONT.															
61602R	BRONTE AND WOBURN CRES.	75	84	26	22	65	54	0.3	0.3	0.2	0.2	0.5	0.3		
OSHAWA, ONT.															
61701R	RITSON RD. & OLIVE AVE.	73	106	44	25	91	68	0.4	0.8	0.2	0.2	1.0	0.5		
GUELPH, ONT.															
61801C	FARQUHAR & WYNDHAM	54	72	38	15	37	43	0.3	0.3	0.3	0.1	0.2	0.2		
WINNIPEG, MAN.															
70102R	PORTAGE & WOODLAWN	128	72	42	37	96	75	0.4	0.7	0.6	0.4	0.1	0.5		
70104I	UNION STOCK YARDS	100	56	33	61	76	65	0.1	0.2	0.2	0.1	0.1	0.1		
70118R	JEPPERSON & SCOTIA	97	36	13	23	106	55	0.2	0.2	0.2	0.1	0.2	0.2		
70119C	65 ELLEN STREET	108	88	89	54	138	95	0.2	0.6	0.3	0.2	0.4	0.3		
70120R	604 ST. MARY'S RD.	92	52	20	22	70	51	0.1	0.4	0.2	0.1	0.2	0.2		
BRANDON, MAN.															
70201C	11TH ST. & PRINCESS AVE.	-	51	34	65	169	80	-	0.4	0.3	0.2	0.4	0.3		
REGINA, SASK.															
80102R	3211 ALBERT STREET	52	15	23	24	57	34	0.2	0.1	0.1	0.2	0.2	0.2		
80109C	1620 ALBERT STREET	47	31	85	33	68	53	0.1	0.2	0.6	0.4	0.3	0.4		
SASKATOON, SASK.															
80203R	30TH ST. & 833 P AVE.	51	29	-	67	51	50	0.1	0.3	-	0.4	0.4	0.3		
80209C	IDYLWYLD DR. & 33RD ST.	36	-	41	42	63	46	0.2	-	0.1	0.5	0.3	0.3		
MOOSE JAW, SASK.															
80301C	FAIRFORD ST. & 1ST AVE.	59	39	50	-	-	49	0.2	0.2	0.2	-	-	0.2		
PRINCE ALBERT, SASK.															
80401C	1257-1ST AVE. EAST	-	-	-	-	-	-	-	-	-	-	-	-		
LLOYDMINSTER, SASK.															
80601C	44TH ST. & 48TH AVE.	123	193	155	79	68	124	0.3	0.3	0.4	0.2	0.1	0.2		
EDMONTON, ALTA.															
90121I	17 STREET & 105 AVENUE	45	64	59	62	100	66	-	-	-	-	-	-		
90122R	127 ST. & 133 AVENUE	17	138	59	72	35	64	-	-	-	-	-	-		
90130C	10255 - 104TH STREET	38	52	66	62	56	55	-	-	-	-	-	-		
CALGARY, ALTA.															
90204C	316-7TH AVENUE	-	32	124	57	47	65	-	-	-	-	-	-		
90218I	BONNY BRK & 18A ST. S.E.	273	58	207	126	79	149	-	-	-	-	-	-		
90222R	39 ST. & 29 AVE. N.W.	28	16	122	35	21	44	-	-	-	-	-	-		
YELLOWKNIFE, N.W.T.															
99001C	50TH AVE. & 49TH STREET	137	156	73	337	-	176	0.2	0.2	0.1	0.2	-	0.2		

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

SEPTEMBER - SEPTEMBRE
1983

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	
VANCOUVER, B.C.													
00102R	100 RICHMOND STREET	19	34	54	57	29	39	0.3	0.3	0.9	1.9	0.5	0.8
00104R	27TH & ONTARIO	19	27	42	38	28	31	0.3	0.5	0.8	0.9	0.5	0.6
00106R	2294 WEST 10TH AVENUE	19	30	32	48	29	32	0.4	0.4	0.7	1.0	0.4	0.6
00108I	250 WEST 70TH AVENUE	23	58	73	120	34	62	0.1	0.4	1.0	1.6	0.5	0.7
00109C	970 BURRARD	29	39	38	85	62	51	0.6	0.6	0.6	1.9	0.6	0.9
00110R	E. HASTINGS & KENSINGTON	-	15	29	48	31	31	-	0.4	0.3	0.7	0.7	0.5
00111I	ROCKY PT. PARK	16	31	54	59	27	37	0.3	0.4	0.7	0.8	0.3	0.5
00113I	ANNACIS ISLAND, DELTA	-	-	43	-	33	-	-	-	0.4	-	0.3	-
00114C	MUNICIPAL HALL, RICHMOND	18	29	43	43	29	32	0.3	0.5	1.0	0.6	0.7	0.6
00115R	NEWTON ELEM. SCH., SURREY	15	22	43	53	30	33	0.3	0.4	0.7	0.9	0.4	0.5
00116R	FIRE HALL, N. VANCOUVER	20	27	44	57	35	37	0.5	0.4	0.9	1.4	0.6	0.8
00117R	BCIT BURNABY	15	20	45	49	26	31	0.3	0.4	0.7	1.5	0.5	0.7
PRINCE GEORGE, B.C.													
00202C	1011 4TH AVENUE	34	94	62	130	-	80	0.2	0.5	0.2	0.5	-	0.4
VICTORIA, B.C.													
00302C	1250 QUADRA ST.	16	-	46	37	47	37	0.2	-	0.8	1.0	0.9	0.7
KAMLOOPS, B.C.													
00401C	301 SEYMOUR ST.	55	43	76	107	71	70	0.3	0.4	0.6	0.8	0.3	0.5
PENTICTON, B.C.													
00601C	400 CARMICHAEL AVE.	38	44	49	52	23	41	0.2	0.2	0.2	0.2	0.1	0.2
WHITEHORSE, YUKON													
09001C	FEDERAL BUILDING	43	77	109	34	63	65	0.1	0.3	0.4	0.1	0.6	0.3

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2SEPTEMBER - SEPTEMBRE
1983DIOXYDE DE SOUFRE ET
PARTICULES EN ASSOCIATION
1000*(MICROGRAMMES/METRE CUBE)**2

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		3	9	15	21	27
10101C	ST. JOHN'S, Nfld. DUCKWORTH & ORDINANCE	-	-	-	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	1	1	2	0
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	-	-	-	-	-
30115I	CFB SHEARWATER	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	-	-	-	-	-
30311R	WHITNEY PIER FIRE STN.	-	-	-	-	-
30408R	GLACE BAY, N.S. SOUTH STREET	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	-	0	-	0
50103R	POINTE-AUX-TREMBLES	9	6	0	0	-
50104C	1125 ONTARIO EST	0	0	2	0	-
50108R	1700 BOURASSA, LONGUEUIL	0	0	1	-	-
50109C	DUNCAN & DECARIE	2	4	2	0	1
50110C	PARC PILON, MTL.-NORD	-	-	-	-	-
50112C	BOUL. LAURENTIDES	-	-	-	-	-
50113R	PIE X & CARDINAL	0	-	0	-	-
50116R	3161 JOSEPH, VERDUN	-	0	1	0	0
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	1	-	1	0	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	0	0	-	1
50306R	2026 BLVD. ST-CYRILLE	0	1	1	3	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	0	0	0	0
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	0	0	0	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	0	0	1	0	0
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	-	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	1	0	0	-	2
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	0	0	0	0	1
60101C	OTTAWA, ONT. 88 SLATER ST.	0	-	1	2	0
60104C	RIDEAU & WURTEMBERG	-	-	-	-	-
60105R	NRC, MONTREAL ROAD	0	0	0	-	-
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	1	1	0	2	1
60204C	471 UNIVERSITY AVENUE	4	2	0	0	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	1	3	0	0	-
60403I	EVANS & ARNOLD	0	3	1	0	-
60409R	REDLANDS CRESCENT	-	-	-	0	1
60410R	LAWRENCE & KENNEDY	0	1	1	0	1
60412R	BATHURST & WILSON	1	2	1	0	-
60413R	ELMCREST ROAD	2	2	3	0	1
60414I	SHERBOURNE & WILTON ST.	0	1	1	1	5
60415R	QUEENSWAY W & HURONTARIO	3	5	1	-	-
60417C	26 BREADALBANE STREET	0	2	0	0	0
60501C	HAMILTON, ONT. BARTON & SANFORD	2	3	2	0	3
60505R	NORTH PARK	2	16	-	4	-
60602R	SUDBURY, ONT. ASH STREET	0	2	-	0	-
60706I	SAULT STE. MARIE, ONT. FARWELL PUMP HOUSE	-	-	0	0	2
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	-	-	-	-
60901C	LONDON, ONT. KING & RECTORY	0	1	-	0	0

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

SEPTEMBER - SEPTEMBRE
1983

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		3	9	15	21	27
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	-	7	0	0	1
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	-
61201R	CORNWALL, ONT. MEMORIAL PARK	-	-	-	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	0	6	0	0	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	1	0	0	-
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	0	8	0	0	1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	0	-	-	0	0
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	-	-	-	-	-
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	0	0	0	0
70119C	65 ELLEN STREET	0	0	0	0	0
70120R	604 ST. MARY'S RD.	0	0	0	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	0	0	1	0	-
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	-	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	6	0	6	3	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	0	0	0	0	0
00110R	E. HASTINGS & KENSINGTON	-	0	0	2	0
00111I	ROCKY PT. PARK	0	0	0	1	0
00302C	VICTORIA, B.C. 1250 QUADRA ST.	-	-	-	0	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	0	0	0	0	0

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

SEPTEMBER - SEPTEMBRE
1983

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIERES	SO3
SYDNEY, N.S.			
30301R	MURPHY ROAD	-	- **
30309I	PT EDWARD, RICHMOND PLST	-	- **
30310C	COUNTY JAIL	1.5	0.1 **
30311R	WHITNEY PIER FIRE STN.	6.7	- **
GLACE BAY, N.S.			
30401R	LAKE ROAD	-	- **
30405C	GENERAL HOSPITAL	-	- **
MONTREAL, QUEBEC			
50101R	7405 CHAMPAGNEUR	2.0	-
50102R	JARDIN BOTANIQUE	1.0	- *
50103R	POINTE-AUX-TREMBLES	2.0	-
TORONTO, ONT.			
60403I	EVANS & ARNOLD	2.7	-
60404R	5126 YONGE STREET	1.8	-
60405I	JOHN STREET PUMP STATION	6.3	-
60406R	ROSEHILL RESERVOIR	2.0	-
60408C	DANFORTH & ROBINSON	4.5	-
HAMILTON, ONT.			
60501C	BARTON & SANFORD	4.9	-
60502I	BURLINGTON & GAGE	10.3	-
60503I	CHATHAM & FRID	10.2	-
60507C	HUGHSON & HUNTER	6.4	-
60510I	STRATHEARN	43.5	-
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	4.9	-
60703I	BAYVIEW & YOUNG	13.7	-
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	2.3	-
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	8.2	0.0 **
70110C	KENNEDY & ST. MARY'S	9.7	-
70113I	WINDERMERE & ROCKMAN	8.9	0.0 **
70115C	PORTAGE & MINTO	8.0	0.1 **
70116I	SMITH & KING	8.4	0.1 **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	4.2	0.1 **
90126R	77 AVENUE & 85 STREET	6.2	0.1 **
90127I	115 AVENUE & 159 STREET	18.4	0.1 **
90128R	99 AVENUE & 160 STREET	6.0	0.1 **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	5.3	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	3.5	0.1 **
90223C	11 ST. & 38 AVE. S.E.	25.4	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	6.0	0.1 **
90225R	PALLISER DR & OAKWOOD SW	3.6	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	13.6	0.1 **

Environment Canada - Environnement Canada

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

TD 890 C325
NSDE

3408367H

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

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