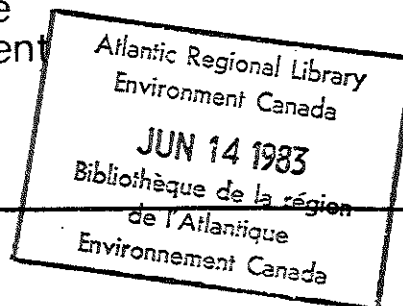




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Monthly Summary September 1982

National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

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Surveillance Report
EPS 5-AP-82-9

Environmental Protection
Programs Directorate

Rapport de surveillance
EPS 5-AP-82-9

Direction générale des
programmes environnementaux

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONSEPTEMBER - SEPTEMBRE
1982DIOXYDE 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	597	***	0	0	1	1	0	0	0	0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	469	***	1	2	2	3	1	1	1	1
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	369	***	0	1	2	4	0	0	1	1
30115I	CFB SHEARWATER	489	***	0	1	4	10	0	1	2	2
30116C	BARRINGTON & DUKE	619	***	1	2	3	7	1	1	2	2
30310C	SYDNEY, N.S. COUNTY JAIL	511	***	1	1	2	11	1	1	2	2
30311R	WHITNEY PIER FIRE STN.	369	1.3	2	4	7	10	2	3	4	4
30408R	GLACE BAY, N.S. SOUTH STREET	607	***	1	5	13	18	1	5	7	8
40202C	SAINT JOHN, N.B. POST OFFICE	656	***	0	1	2	3	0	1	1	1
50101R	MONTREAL, QUEBEC PARC JARRY	662	1.1	1	3	4	6	1	2	2	2
50102R	JARDIN BOTANIQUE	720	***	0	1	2	3	0	1	1	1
50103R	POINTE-AUX-TREMBLES	695	1.0	1	5	7	14	1	3	5	5
50104C	1125 ONTARIO EST	719	***	1	1	3	6	1	1	2	2
50106R	VILLE ST-LAURENT	713	***	1	2	3	6	1	1	2	2
50108R	1700 BOURASSA, LONGUEUIL	0	---	---	---	---	---	---	---	---	---
50109C	DUNCAN & DECARIE	675	***	1	2	4	6	1	2	2	2
50110C	PARC PILON, MTL.-NORD	513	***	0	1	1	2	0	0	1	1
50112C	BOUL. LAURENTIDES	567	***	1	2	3	7	1	2	2	3
50113R	PIE X & CARDINAL	606	***	0	1	2	3	0	1	1	1
50115C	1001 BOUL MAISONNEUVE O.	667	1.0	1	2	4	7	1	2	2	2
50116R	3161 JOSEPH, VERDUN	704	***	1	1	2	3	0	1	1	1
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	687	***	0	1	1	3	0	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	599	3.6	2	16	32	52	5	11	13	15
50304C	325 DORCHESTER SUD	598	1.2	1	5	18	27	1	5	10	12
50306R	2026 BLVD. ST-CYRILLE	568	***	1	2	6	8	1	2	3	3
50601C	ROUYN, QUEBEC HOTEL DE VILLE	661	1.2	0	4	31	90	0	8	11	11
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	114	---	0	1	1	1	0	1	1	1
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	638	***	0	2	4	14	1	2	3	3
50901R	ARVIDA, QUEBEC POWELL & HOOPES	587	1.5	1	9	12	14	2	8	9	9
51001R	TRACY, QUEBEC 3225 AVE COURSHESNE	616	***	1	5	9	11	1	3	4	4
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	596	***	0	2	7	10	0	3	4	4
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	642	2.4	1	14	32	69	3	11	14	14
60101C	OTTAWA, ONT. 88 SLATER ST.	696	***	0	1	2	3	0	1	1	1
60104C	RIDEAU & WURTEMBERG	712	***	0	1	2	6	0	1	1	1
60105R	NRC, MONTREAL ROAD	634	***	1	1	1	2	1	1	1	1
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	715	***	1	2	4	8	1	2	2	2
60204C	471 UNIVERSITY AVENUE	706	***	1	3	5	13	1	2	3	3
60211R	COLLEGE & PRINCE	690	1.0	1	3	6	12	1	3	3	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	695	1.0	1	4	6	8	1	2	3	3
60403I	EVANS & ARNOLD	680	***	0	1	3	11	0	1	2	2
60409R	REDLANDS CRESCENT	626	***	0	1	1	2	0	1	1	1
60410R	LAWRENCE & KENNEDY	464	***	0	2	4	6	0	1	1	2
60412R	BATHURST & WILSON	715	1.5	2	4	8	30	2	3	4	5
60413R	ELMCREST ROAD	670	***	1	2	5	13	1	2	2	3
60414I	SHERBOURNE & WILTON ST.	689	***	0	1	1	6	0	0	1	1
60415R	QUEENSWAY W & HURONTARIO	155	---	0	1	1	2	0	1	1	1
60417C	26 BREADALBANE STREET	703	***	1	2	3	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
1982DIOXYDE 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	711	1.3	2	4	6	10	2	3	4	4
60505R	NORTH PARK	709	***	1	4	7	15	1	3	4	4
60602R	SUDBURY, ONT. ASH STREET	686	***	1	2	4	31	1	2	3	3
60606C	KENNEDY STREET	678	***	0	1	1	7	0	0	1	1
60704C	SAULT STE. MARIE, ONT. QUEEN & ELGIN	325	---	0	0	1	1	0	0	0	0
60806R	THUNDER BAY, ONT. 435 JAMES S.	698	***	0	0	1	2	0	0	1	1
60901C	LONDON, ONT. KING & RECTORY	692	***	0	1	2	3	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	704	***	1	5	9	21	1	3	3	4
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	700	***	0	1	2	3	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	682	***	1	4	11	15	1	4	5	5
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	699	***	0	1	3	5	0	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	694	***	0	1	3	3	0	1	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	683	***	1	4	10	17	1	3	5	6
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	671	***	0	1	2	3	0	1	1	1
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	713	***	0	1	2	3	0	1	2	2
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	683	***	0	0	1	4	0	0	0	0
70119C	65 ELLEN STREET	682	***	0	1	2	3	0	1	1	1
70120R	604 ST. MARY'S RD.	540	***	0	2	3	3	0	1	1	1
80109C	REGINA, SASK. 1620 ALBERT STREET	502	***	0	0	0	0	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	657	***	0	0	0	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	0	---	-	-	-	-	-	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	356	---	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	687	***	0	0	0	0	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	680	***	0	1	2	2	0	1	1	1
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	694	***	1	1	2	3	1	1	1	1
00110R	E. HASTINGS & KENSINGTON	584	***	1	2	3	5	1	1	1	1
00111I	ROCKY PT. PARK	689	***	1	2	2	5	1	1	1	1
00112C	ROBSON/HORNBY	678	***	1	1	2	3	1	1	1	1
00302C	VICTORIA, B.C. 1106 COOK ST.	489	***	0	1	3	6	0	1	1	1
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	624	***	0	1	2	4	0	1	1	1

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

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

CARBON MONOXIDE PARTS PER MILLION		SEPTEMBER - SEPTEMBRE 1982				MONOXYDE 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			
				1-HOUR / HEURE				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	0	---	-	-	-	-	-	-	-	-	-	-	-	-
30116C	HALIFAX, N.S. BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	718	***	0	2	3	8	0	1	2	3	0	1	1	1
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	720	0.5	1	2	3	5	1	1	2	3	1	1	1	2
50103R	POINTE-AUX-TREMBLES	720	0.6	1	2	3	4	1	1	2	3	1	1	2	2
50104C	1125 ONTARIO EST	205	---	3	4	5	6	3	4	4	4	3	4	4	4
50108R	1700 BOURASSA, LONGUEUIL	539	0.7	1	3	5	6	1	3	3	4	1	2	2	3
50109C	DUNCAN & DECARIE	720	2.2	3	5	8	12	3	5	6	6	3	4	4	4
50110C	PARC PILON, MTL.-NORD	497	1.2	1	4	6	9	2	3	4	4	2	2	3	3
50112C	BOUL. LAURENTIDES	657	0.7	1	3	4	6	1	2	3	3	1	2	2	2
50113R	PIE X & CARDINAL	694	0.6	1	2	4	5	1	2	3	3	1	2	2	2
50115C	1001 BOUL MAISONNEUVE O.	696	2.6	3	6	8	9	3	5	6	6	3	4	4	4
50116R	3161 JOSEPH, VERDUN	720	***	1	1	2	4	1	1	2	2	1	1	1	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	672	0.6	1	1	2	3	1	1	1	2	1	1	1	1
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	236	---	2	3	4	5	2	3	3	3	2	2	2	2
60101C	OTTAWA, ONT. 88 SLATER ST.	661	2.2	3	6	9	12	3	5	6	7	3	4	4	4
60104C	RIDEAU & WURTEMBERG	711	1.8	2	3	3	8	2	3	3	4	2	3	3	3
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	688	***	1	2	3	6	1	1	2	3	1	1	1	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	323	---	3	5	5	6	3	5	5	5	3	3	3	3
60403I	EVANS & ARNOLD	692	2.3	3	4	6	6	3	4	5	5	3	3	4	4
60410R	LAWRENCE & KENNEDY	705	1.3	1	3	4	6	2	3	3	3	2	2	2	2
60412R	BATHURST & WILSON	535	1.6	2	4	5	7	2	3	4	4	2	2	3	3
60413R	ELMCREST ROAD	680	0.7	1	2	3	4	1	2	2	2	1	2	2	2
60414I	SHERBOURNE & WILTON ST.	681	1.7	2	3	5	6	2	3	3	4	2	3	3	3
60415R	QUEENSWAY W & HURONTARIO	678	1.5	2	3	5	6	2	3	3	3	2	2	2	3
60416C	381 YONGE STREET	717	4.6	5	11	21	34	5	9	20	24	5	10	11	12
60417C	26 BREADALBANE STREET	701	1.8	2	3	5	7	2	3	4	4	2	3	3	3
60501C	HAMILTON, ONT. BARTON & SANFORD	685	1.0	1	3	5	7	1	2	3	3	1	2	2	2
60602R	SUDEBURY, ONT. ASH STREET	649	***	0	1	2	3	0	1	1	2	0	1	1	1
60901C	LONDON, ONT. KING & RECTORY	680	***	0	1	3	7	0	1	2	2	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	661	***	0	1	2	5	0	1	1	1	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	685	1.0	1	2	2	5	1	1	2	2	1	1	2	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	660	***	1	2	4	10	1	2	3	5	1	1	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	718	1.0	1	3	5	7	1	2	3	3	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	634	1.2	1	3	6	10	1	3	4	5	1	2	3	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	656	2.4	3	4	7	10	3	4	5	5	3	4	4	4
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	427	***	1	1	3	4	1	1	2	2	1	1	1	1
70119C	65 ELLEN STREET	647	0.6	1	2	4	10	1	2	3	4	1	2	2	2
70120R	604 ST. MARY'S RD.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
80109C	REGINA, SASK. 1620 ALBERT STREET	397	0.7	1	3	5	7	1	3	4	4	1	2	3	3
80209C	SASKATOON, SASK. IDYLLWYLD DR. & 33RD ST.	625	0.5	1	2	3	9	1	2	3	4	1	1	2	2

*** 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
1982MONOXYDE 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
EDMONTON, ALTA.															
901211	17 STREET & 105 AVENUE	689	0.9	1	3	4	7	1	2	3	3	1	2	2	2
90122R	127 ST. & 133 AVENUE	678	0.7	0	4	8	11	1	3	5	6	1	3	3	3
90130C	10255 - 104TH STREET	696	1.5	2	4	5	6	2	3	3	4	2	2	2	3
CALGARY, ALTA.															
90222R	39 ST. & 29 AVE. N.W.	695	0.9	1	3	5	7	1	2	3	4	1	1	2	2
90227C	1611-4TH STREET S.W.	690	1.8	2	4	7	11	2	4	5	5	2	3	3	3
VANCOUVER, B.C.															
00106R	2294 WEST 10TH AVENUE	690	1.6	2	5	7	9	2	4	5	5	2	3	3	4
00108I	250 WEST 70TH AVENUE	597	1.8	2	5	6	10	2	3	5	6	2	3	4	4
00110R	E. HASTINGS & KENSINGTON	689	***	0	0	0	0	0	0	0	0	0	0	0	0
00111I	ROCKY PT. PARK	710	1.3	1	3	4	8	2	2	3	3	2	2	2	2
00112C	ROBSON/HORNBY	710	2.5	3	5	7	10	3	4	5	6	3	4	5	5
VICTORIA, B.C.															
00302C	1106 COOK ST.	719	1.5	2	5	6	15	2	4	4	5	2	3	3	3

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

SEPTEMBER - SEPTEMBRE
1982

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 - 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. CFB SHEARWATER	558	***	1	1	2	4	1	1	1	1
30116C	BARRINGTON & DUKE	669	***	1	1	1	2	1	1	1	1
40202C	SAINT JOHN, N.B. POST OFFICE	709	1.1	2	3	4	5	1	2	2	3
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	679	***	1	2	3	4	1	2	2	3
50104C	1125 ONTARIO EST	719	2.0	2	5	6	7	3	4	5	5
50108R	1700 BOURASSA, LONGUEUIL	515	1.9	2	4	5	6	2	3	3	3
50109C	DUNCAN & DECARIE	687	***	1	2	2	3	1	2	2	2
50110C	PARC PILON, MTL.-NORD	647	3.5	4	7	10	15	4	6	7	7
50112C	BOUL. LAURENTIDES	645	2.4	3	6	8	11	3	5	5	5
50113R	PIE X & CARDINAL	395	1.8	2	3	4	5	2	3	3	3
50115C	1001 BOUL MAISONNEUVE O.	720	3.5	4	7	8	9	4	6	7	7
50116R	3161 JOSEPH, VERDUN	715	1.2	2	3	4	4	2	2	2	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	719	1.4	2	4	5	6	2	3	3	4
50304C	QUEBEC, QUEBEC 325 DORCHESTER SUD	688	1.2	1	2	2	3	1	2	2	2
60101C	OTTAWA, ONT. 88 SLATER ST.	712	3.0	4	6	8	9	3	5	6	6
60104C	RIDEAU & WURTEMBERG	713	1.7	2	4	6	7	2	3	4	4
60105R	NRC, MONTREAL ROAD	715	1.4	2	3	5	7	2	2	3	3
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	712	2.9	3	5	7	10	3	4	5	5
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	448	2.0	2	4	5	26	2	3	3	4
60403I	EVANS & ARNOLD	706	4.1	5	8	10	12	5	7	8	8
60410R	LAWRENCE & KENNEDY	707	2.3	3	5	7	8	3	5	6	6
60412R	BATHURST & WILSON	682	2.7	3	8	9	10	3	7	8	8
60413R	ELMCREST ROAD	687	2.1	3	5	6	8	3	4	4	4
60414I	SHERBOURNE & WILTON ST.	692	3.1	4	7	8	9	3	6	7	7
60415R	QUEENSWAY W & HURONTARIO	625	2.2	3	4	6	7	3	4	4	4
60417C	26 BREADALBANE STREET	698	3.1	4	6	8	10	4	5	6	6
60501C	HAMILTON, ONT. BARTON & SANFORD	680	3.4	4	7	8	9	4	6	6	7
60505R	NORTH PARK	710	2.4	3	6	9	10	3	6	8	8
60602R	SUDEBURY, ONT. ASH STREET	688	***	1	2	5	25	1	2	2	2
60901C	LONDON, ONT. KING & RECTORY	685	1.9	2	4	7	10	2	4	5	5
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	697	2.3	3	5	6	8	3	4	4	5
61201R	CORNWALL, ONT. MEMORIAL PARK	713	1.1	1	3	4	5	2	2	2	2
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	672	1.8	2	4	6	10	2	3	3	3
61501C	KITCHENER, ONT. EDNA & FREDERICK	320	---	4	6	8	9	4	5	5	5
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	707	1.9	3	4	6	7	2	3	4	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	693	1.9	3	5	7	9	2	5	5	5
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	671	1.1	1	3	4	7	2	2	2	2
70119C	65 ELLEN STREET	14	---	2	2	2	2	-	-	-	-
80109C	REGINA, SASK. 1620 ALBERT STREET	0	---	-	-	-	-	-	-	-	-
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	694	1.6	2	3	4	5	2	3	3	3
90130C	10255 - 104TH STREET	692	2.5	3	4	5	8	3	4	4	4
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	692	1.6	2	4	5	6	2	3	3	3
90227C	1611-4TH STREET S.W.	684	3.9	4	6	7	9	4	5	5	5

*** 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
1982

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 / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	691	2.5	3	5	8	11	3	5	5	5
00108I	250 WEST 70TH AVENUE	376	2.1	2	4	5	6	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	691	2.1	2	5	7	8	2	4	4	4
00111I	ROCKY PT. PARK	711	2.1	2	6	8	14	3	4	5	5
00112C	ROBSON/HORNEY	708	3.0	3	5	8	12	3	5	5	5
	VICTORIA, B.C.										
00302C	1106 COOK ST.	0	---	-	-	-	-	-	-	-	-

OZONE PARTS PER HUNDRED MILLION			SEPTEMBER - SEPTEMBRE 1982		OZONE 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	
30115I	HALIFAX, N.S.	607	1.2	1	4	6	8	2	4	5	5	
30116C	CFB SHEARWATER BARRINGTON & DUKE	0	---	-	-	-	-	-	-	-	-	
40202C	SAINT JOHN, N.B. POST OFFICE	717	2.2	3	5	8	9	2	5	7	7	
50102R	MONTREAL, QUEBEC											
50102R	JARDIN BOTANIQUE	513	0.7	1	3	3	4	1	2	2	2	
50103R	POINTE-AUX-TREMBLES	696	1.4	2	5	7	9	2	4	4	4	
50104C	1125 ONTARIO EST	720	1.0	1	4	6	6	1	4	4	5	
50108R	1700 BOURASSA, LONGUEUIL	645	1.3	1	5	6	6	1	4	5	5	
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-	
50110C	PARC PILON, MTL.-NORD	708	1.1	1	5	7	8	2	4	5	5	
50112C	BOUL. LAURENTIDES	647	1.6	2	6	8	8	2	5	6	6	
50113R	PIE X & CARDINAL	692	1.6	2	6	7	8	2	5	6	6	
50115C	1001 BOUL MAISONNEUVE O.	720	***	1	2	3	5	1	2	2	2	
50116R	3161 JOSEPH, VERDUN	492	1.6	2	6	7	7	2	4	5	5	
50304C	QUEBEC, QUEBEC											
50304C	325 DORCHESTER SUD	372	***	1	2	3	3	1	2	2	2	
50306R	2026 BLVD. ST-CYRILLE	352	---	1	3	4	4	1	2	3	3	
60101C	OTTAWA, ONT.											
60101C	88 SLATER ST.	577	***	0	2	4	5	1	2	2	2	
60104C	RIDEAU & WURTEMBERG	708	1.5	2	4	6	7	2	3	4	4	
60105R	NRC, MONTREAL ROAD	718	1.3	2	4	6	7	2	3	4	4	
60204C	WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	704	1.8	2	6	7	10	2	5	5	6	
60402R	TORONTO, ONT.											
60402R	DON MILLS, SCIENCE CNTR	693	1.2	2	5	7	8	1	3	3	3	
60403I	EVANS & ARNOLD	694	1.1	1	4	6	6	1	2	3	3	
60410R	LAWRENCE & KENNEDY	709	1.5	2	5	6	8	2	4	4	5	
60413R	ELMCREST ROAD	607	1.4	2	5	6	7	1	3	4	4	
60414I	SHERBOURNE & WILTON ST.	692	1.0	1	4	5	6	1	3	3	3	
60415R	QUEENSWAY W & HURONTARIO	557	1.2	2	5	6	7	2	3	3	3	
60417C	26 BREADALBANE STREET	698	1.2	2	5	6	7	1	3	4	4	
60501C	HAMILTON, ONT.											
60501C	BARTON & SANFORD	679	1.5	2	5	6	7	2	4	4	4	
60602R	SUDBURY, ONT.											
60602R	ASH STREET	691	1.2	2	3	4	5	1	3	3	3	
60806R	THUNDER BAY, ONT.											
60806R	435 JAMES S.	712	1.0	1	3	4	4	1	2	2	3	
60901C	LONDON, ONT.											
60901C	KING & RECTORY	668	2.0	3	5	7	8	2	4	5	5	
61004R	SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	692	2.3	3	6	8	10	3	5	5	5	
61201R	CORNWALL, ONT.											
61201R	MEMORIAL PARK	684	1.8	2	5	6	7	2	4	5	5	
61301C	ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	666	1.9	2	5	8	9	2	4	5	5	
61501C	KITCHENER, ONT.											
61501C	EDNA & FREDERICK	710	1.3	1	5	5	6	1	3	3	4	
61602R	OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	650	1.4	2	5	7	8	2	3	3	3	
61701R	OSKAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	692	1.6	2	4	6	10	2	3	4	4	
70118R	WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	663	1.2	2	3	4	4	1	2	2	2	
70119C	65 ELLEN STREET	667	***	0	1	1	3	0	1	1	1	
80109C	REGINA, SASK.											
80109C	1620 ALBERT STREET	709	1.4	2	3	3	4	2	2	2	2	
90122R	EDMONTON, ALTA.											
90122R	127 ST. & 133 AVENUE	689	1.4	2	3	4	5	2	2	2	3	
90130C	10255 - 104TH STREET	686	1.0	1	3	3	4	1	2	2	3	
90222R	CALGARY, ALTA.											
90222R	39 ST. & 29 AVE. N.W.	688	1.6	2	4	5	6	2	3	3	3	
90227C	1611-4TH STREET S.W.	685	0.7	1	2	3	4	1	1	1	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
1982OZONE
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
	VANCOUVER, B.C.										
00106R	2294 WEST 10TH AVENUE	682	0.5	1	2	4	5	1	1	1	2
00108I	250 WEST 70TH AVENUE	597	0.7	1	2	3	4	1	1	1	2
00110R	E. HASTINGS & KENSINGTON	697	1.3	1	3	5	8	1	2	2	3
00111I	ROCKY PT. PARK	459	1.2	2	4	7	9	1	2	3	3
00112C	ROBSON/HORNEY	673	***	0	1	2	3	1	1	1	1
	VICTORIA, B.C.										
00302C	1196 COOK ST.	675	1.0	2	3	4	7	1	2	2	2

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

SOILING INDEX
COH UNITS PER 1000 LINEAR FT.SEPTEMBER - SEPTEMBRE
1982INDICE 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
MONTREAL, QUEBEC											
50101R	PARC JARRY	307	0.10	0.1	0.3	0.4	0.9	0.1	0.2	0.3	0.3
50103R	POINTE-AUX-TREMBLES	306	0.19	0.2	0.4	0.7	0.9	0.2	0.4	0.5	0.5
50104C	1125 ONTARIO EST	360	0.24	0.3	0.5	0.7	1.0	0.3	0.4	0.5	0.5
50106R	VILLE ST-LAURENT	331	0.35	0.4	0.9	1.4	1.8	0.4	0.7	0.8	0.8
50109C	DUNCAN & DECARIE	355	0.43	0.5	1.2	1.6	1.8	0.6	0.9	1.0	1.1
50110C	PARC PILON, MTL.-NORD	354	0.40	0.5	1.0	1.5	1.9	0.5	0.8	0.9	1.0
50115C	1001 BOUL MAISONNEUVE O.	223	0.18	0.2	0.4	0.5	0.7	0.2	0.3	0.3	0.4
50116R	3161 JOSEPH, VERDUN	356	0.16	0.2	0.4	0.5	0.8	0.3	0.3	0.4	0.4
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	353	0.15	0.3	0.5	0.8	1.0	0.2	0.3	0.4	0.4
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	140	----	0.2	0.3	0.7	0.7	0.2	0.2	0.2	0.3
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	324	0.13	0.2	0.5	0.6	0.7	0.2	0.3	0.4	0.4
OTTAWA, ONT.											
60101C	88 SLATER ST.	348	0.25	0.3	1.0	1.8	2.1	0.3	0.5	0.6	0.6
60104C	RIDEAU & WURTEMBERG	556	(1) 0.18	0.3	0.4	0.8	1.3	0.3	0.4	0.5	0.5
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	688	(1) 0.47	0.5	1.1	2.0	3.0	0.5	1.0	1.1	1.1
60211R	COLLEGE & PRINCE	690	(1) 0.47	0.5	1.0	1.9	2.2	0.6	0.7	0.7	0.8
TORONTO, ONT.											
60402R	DON MILLS, SCIENCE CNTR	0	----	-	-	-	-	-	-	-	-
60403I	EVANS & ARNOLD	692	(1) 0.63	0.8	1.4	1.9	2.4	0.8	1.1	1.2	1.2
60409R	REDLANDS CRESCENT	0	----	-	-	-	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	694	(1) 0.34	0.5	1.0	1.3	1.9	0.5	0.8	0.9	0.9
60412R	BATHURST & WILSON	705	(1) 0.58	0.8	1.4	1.9	2.1	0.7	1.3	1.4	1.5
60413R	ELMCREST ROAD	690	(1) 0.38	0.5	1.0	1.6	2.1	0.5	1.1	1.2	1.3
60414I	SHERBOURNE & WILTON ST.	707	(1) 0.47	0.6	1.4	2.0	2.5	0.6	1.2	1.4	1.4
60415R	QUEENSWAY W & HURONTARIO	0	----	-	-	-	-	-	-	-	-
60417C	26 BREADALBANE STREET	709	(1) 0.36	0.4	1.0	1.4	1.6	0.4	1.0	1.1	1.1
HAMILTON, ONT.											
60501C	BARTON & SANFORD	687	(1) 0.66	0.8	1.5	2.1	2.7	0.8	1.3	1.5	1.6
60505R	NORTH PARK	675	(1) 0.50	0.6	1.3	1.6	2.0	0.6	1.1	1.2	1.3
SUDBURY, ONT.											
60602R	ASH STREET	695	(1) 0.16	0.2	0.5	0.8	0.9	0.2	0.4	0.4	0.4
THUNDER BAY, ONT.											
60806R	435 JAMES S.	0	----	-	-	-	-	-	-	-	-
LONDON, ONT.											
60901C	KING & RECTORY	698	(1) 0.33	0.4	0.9	1.1	1.8	0.4	0.8	0.8	0.9
60902C	372 DUNDAS	0	----	-	-	-	-	-	-	-	-
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	689	(1) 0.28	0.4	0.7	0.9	1.3	0.4	0.5	0.7	0.7
PETERBOROUGH, ONT.											
61103C	500 GEORGE STREET	0	----	-	-	-	-	-	-	-	-
CORNWALL, ONT.											
61201R	MEMORIAL PARK	653	(1) 0.24	0.3	0.6	0.8	1.3	0.3	0.4	0.5	0.6
ST. CATHARINES, ONT.											
61301C	NORTH ST. & GENEVA ST.	671	(1) 0.30	0.4	0.7	0.9	1.1	0.4	0.5	0.6	0.6
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	0	----	-	-	-	-	-	-	-	-
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	664	(1) 0.52	0.7	1.3	2.0	2.2	0.7	1.0	1.1	1.1
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	691	(1) 0.37	0.5	0.9	1.3	1.6	0.5	0.7	0.9	0.9
GUELPH, ONT.											
61801C	FARQUHAR & WYNDHAM	0	----	-	-	-	-	-	-	-	-
WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	317	****	0.1	0.3	0.7	0.8	0.1	0.3	0.5	0.5
70119C	65 ELLEN STREET	342	0.14	0.2	0.4	0.8	0.9	0.2	0.3	0.4	0.4
70120R	604 ST. MARY'S RD.	299	0.12	0.1	0.4	0.8	0.8	0.1	0.3	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
1982INDICE DE SOUILLURE
UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION EMPLACEMENT	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCES			
				INTERVALS - INTERVALLES		INTERVALS - INTERVALLES		MEANS - MOYENNES		MEANS - MOYENNES	
				2-HOUR / HEURES		24-HOUR / HEURES		70 95 99 MAX		70 95 99 MAX	
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	358	****	0.1	0.2	0.4	1.1	0.1	0.2	0.2	0.2
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	720	(1) 0.27	0.3	0.7	1.5	1.6	0.4	0.6	0.8	0.8
90130C	10255 - 104TH STREET	720	(1) 0.27	0.3	0.6	1.1	1.3	0.3	0.5	0.6	0.6
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	693	(1) 0.39	0.5	1.2	1.8	2.3	0.5	0.7	1.0	1.1
90222R	39 ST. & 29 AVE. N.W.	710	(1) 0.12	0.2	0.4	0.5	0.8	0.2	0.2	0.3	0.3
90227C	1611-4TH STREET S.W.	720	(1) 0.47	0.6	1.2	2.1	2.8	0.6	0.7	0.8	0.9
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	360	0.22	0.3	0.6	0.8	1.2	0.3	0.4	0.6	0.6
00106R	2294 WEST 10TH AVENUE	359	0.16	0.2	0.4	0.6	0.7	0.2	0.3	0.3	0.3
00108I	250 WEST 70TH AVENUE	247	0.24	0.3	0.6	0.8	1.4	0.3	0.5	0.5	0.5
00110R	E. HASTINGS & KENSINGTON	358	0.14	0.2	0.4	0.5	0.6	0.2	0.3	0.3	0.3
00111I	ROCKY PT. PARK	349	0.19	0.2	0.5	0.7	0.9	0.2	0.4	0.4	0.5
00112C	ROBSON/HORNBY	360	0.26	0.4	0.6	1.0	1.5	0.3	0.5	0.5	0.6
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	349	0.27	0.4	0.8	1.2	1.4	0.3	0.7	0.8	0.9
00302C	VICTORIA, B.C. 1106 COOK ST.	360	0.36	0.5	0.9	1.5	3.5	0.5	0.7	0.7	0.8
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	----	-	-	-	-	-	-	-	-

(1) BASED ON 1-HOUR READINGS
DONNEES INITIALES D'UNE HEURE**** CALCULATED MEANS ARE BELOW 0.1
LES MOYENNES SONT INFÉRIEURES A 0.1

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

SEPTEMBER - SEPTEMBRE
1982

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*						MEAN MOYENNE
		----- DAY / JOUR -----						*----- DAY / JOUR -----*						
		2	8	14	20	26		2	8	14	20	26		
10101C	ST. JOHN'S, NFED. DUCKWORTH & ORDINANCE	51	56	47	24	31	42	0.3	0.4	0.1	0.2	0.2	0.2	
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	13	38	35	13	42	28	0.0	0.2	0.3	0.2	0.4	0.2	
30101C	HALIFAX, N.S.	16	26	43	37	30	30	0.1	0.2	0.1	0.3	0.3	0.2	
30102R	N.S. TECHNICAL COLLEGE	13	33	25	26	33	26	0.0	0.3	0.1	0.3	0.2	0.2	
30114R	DALHOUSIE UNIVERSITY	13	18	18	19	24	18	0.0	0.2	0.1	0.2	0.2	0.1	
30115I	MT ST VINCENT UNIVERSITY CFB SHEARWATER	6	23	17	29	28	21	0.0	0.2	0.0	0.2	0.2	0.1	
30310C	SYDNEY, N.S.	25	39	37	43	42	37	0.5	0.4	0.3	0.7	0.6	0.5	
30311R	COUNTY JAIL WHITNEY PIER FIRE STN.	57	50	193	76	64	88	0.5	0.2	0.3	0.5	0.4	0.4	
30408R	GLACE BAY, N.S. SOUTH STREET	120	40	68	26	42	59	0.0	0.0	0.1	0.1	0.1	0.1	
40102C	FREDERICTON, N.B. YORK STREET	18	40	64	43	57	44	0.3	0.4	0.3	0.6	0.7	0.5	
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	39	54	46	79	51	54	0.1	0.3	0.2	0.3	0.2	0.2	
40301C	MONCTON, N.B. 774 MAIN STREET	-	-	-	-	-	-	-	-	-	-	-	-	
50102R	MONTREAL, QUEBEC	34	54	51	36	-	44	0.1	0.3	0.1	0.2	-	0.2	
50103R	JARDIN BOTANIQUE	50	80	57	35	67	58	-	-	-	-	-	-	
50104C	POINTE-AUX-TREMBLES	55	86	111	71	63	77	0.5	0.7	1.1	0.8	0.5	0.7	
50105C	1125 ONTARIO EST	-	-	-	-	-	-	-	-	-	-	-	-	
50106R	1212 DRUMMOND	-	-	-	-	-	-	-	-	-	-	-	-	
50106R	VILLE ST-LAURENT	-	-	-	-	-	-	-	-	-	-	-	-	
50108R	1700 BOURASSA, LONGUEUIL	36	31	47	31	28	35	-	0.6	0.2	0.3	0.2	0.3	
50109C	DUNCAN & DECARIE	99	173	84	99	71	105	0.8	1.9	-	-	0.6	1.1	
50110C	PARC PILON, MTL.-NORD	50	42	44	73	58	53	-	-	-	-	-	-	
50112C	BOUL. LAURENTIDES	39	36	52	40	51	44	0.3	0.2	0.4	0.4	0.3	0.3	
50113R	PIE X & CARDINAL	53	45	59	55	54	53	0.2	0.2	0.2	0.4	0.2	0.2	
50115C	1001 BOUL MAISONNEUVE O.	-	-	-	-	-	-	-	-	-	-	-	-	
50116R	3161 JOSEPH, VERDUN	52	69	54	62	102	68	0.4	0.5	0.3	0.8	0.5	0.5	
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	36	32	59	18	45	38	0.3	0.3	0.3	0.2	0.4	0.3	
50303I	QUEBEC, QUEBEC	24	69	101	39	57	58	0.1	0.4	0.4	0.5	0.2	0.3	
50306R	CENTRE LOISIRS LIMOILLOU 2026 BLVD. ST-CYRILLE	17	40	83	39	23	40	-	0.3	0.5	0.4	0.2	0.4	
50402R	SHERBROOKE, QUEBEC	-	-	-	-	-	-	-	-	-	-	-	-	
50403C	CASERNE DE POMPIERS #5 WELLINGTON & ALBERT	43	44	92	49	39	53	0.4	0.4	0.4	0.3	0.3	0.4	
50502R	CHICOUTIMI, QUEBEC	9	39	77	26	-	38	-	0.2	0.2	0.3	-	0.2	
50503C	USINE DE FILTRATION 222 RACINE	-	81	72	63	52	67	-	0.5	0.4	0.9	0.7	0.6	
50601C	ROUYN, QUEBEC HOTEL DE VILLE	8	26	74	-	-	36	-	-	-	-	-	-	
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	23	-	43	34	33	-	-	-	-	-	-	
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	35	90	152	113	84	95	0.1	0.4	0.4	0.3	0.4	0.3	
50901R	ARVIDA, QUEBEC POWELL & HOOPES	245	71	95	28	115	111	0.3	0.5	0.3	0.4	0.3	0.4	
51002R	TRACY, QUEBEC GARNEAU & RTE 132	75	62	83	109	62	78	-	-	-	-	-	-	
51101C	THETFORD MINES, QUEBEC BOUL. STE-MARTHE	12	30	64	27	7	28	-	0.3	0.2	0.3	-	0.3	
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	-	141	48	166	118	-	-	0.2	0.1	0.3	0.2	
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	19	35	67	-	33	39	-	0.1	0.1	-	0.2	0.1	
60101C	OTTAWA, ONT.	64	125	72	25	62	70	0.5	0.4	0.3	0.2	0.4	0.4	
60202C	88 SLATER ST.	34	39	94	-	-	56	0.2	0.3	-	-	-	-	
60104C	RIDEAU & WURTEMBERG	24	38	57	32	39	38	0.1	0.2	0.3	0.2	0.2	0.2	
60105R	NRC, MONTREAL ROAD	-	-	-	-	-	-	-	-	-	-	-	-	
60201I	WINDSOR, ONT.	67	72	65	63	53	64	0.2	0.4	0.2	0.0	0.3	0.2	
60202C	MORTON TERMINAL DOCK	57	53	62	40	56	54	0.3	0.4	0.4	0.3	0.3	0.3	
60203R	CITY HALL	59	32	67	29	44	46	0.2	0.1	0.1	0.0	0.1	0.1	
60204C	TECUMSEH WATER WORKS 471 UNIVERSITY AVENUE	57	32	67	37	58	50	0.2	0.2	0.3	-	0.3	0.3	

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

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PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN	*----- DAY / JOUR -----*					MEAN
		2	8	14	20	26	MOYENNE	2	8	14	20	26	MOYENNE
60301R	KINGSTON, ONT. QUEEN'S UNIVERSITY	-	-	-	-	-	-	-	-	-	-	-	-
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	43	43	82	49	57	55	0.3	0.6	0.5	0.4	0.6	0.5
60403I	EVANS & ARNOLD	59	58	184	47	50	80	0.9	0.9	0.6	0.9	1.1	0.9
60409R	REDLANDS CRESCENT	39	36	86	33	56	50	0.3	0.2	0.3	0.1	0.1	0.2
60410R	LAWRENCE & KENNEDY	66	65	89	55	49	65	0.5	0.8	0.6	0.5	0.4	0.6
60412R	BATHURST & WILSON	44	60	95	65	42	61	0.6	1.2	1.3	1.6	1.1	1.2
60413R	ELMCREST ROAD	40	65	40	49	66	52	0.3	0.8	0.4	0.7	0.5	0.5
60414I	SHERBOURNE & WILTON ST.	77	104	156	99	79	103	0.6	0.8	1.0	0.8	0.7	0.8
60415R	QUEENSWAY W & HURONTARIO	37	44	77	46	56	52	0.4	0.5	0.6	0.4	0.5	0.5
60417C	26 BREADALBANE STREET	52	55	92	61	72	66	0.4	0.4	0.5	0.5	0.6	0.5
60501C	HAMILTON, ONT. BARTON & SANFORD	58	174	124	75	110	108	0.4	1.3	0.4	0.7	0.5	0.7
60503I	CHATHAM & FRID	35	86	80	61	79	68	0.2	0.7	0.3	0.6	0.5	0.5
60505R	NORTH PARK	68	96	155	44	72	87	0.6	0.7	0.6	0.2	0.4	0.5
60602R	SUDEBURY, ONT. ASH STREET	-	-	41	28	-	-	-	-	0.1	0.2	-	-
60605C	19 LISGAR STREET	-	24	-	37	-	-	-	0.2	0.1	0.2	0.4	0.2
60705R	SAULT STE. MARIE, ONT. 550 QUEEN STREET WEST	54	36	21	19	60	38	0.0	0.0	0.0	0.0	0.0	0.0
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	-	93	14	21	49	44	-	0.2	0.1	0.2	-	0.2
60806R	435 JAMES S.	14	63	16	14	66	35	0.0	0.0	0.0	0.0	0.1	0.0
60901C	LONDON, ONT. KING & RECTORY	34	-	-	-	52	-	0.2	-	-	-	0.3	-
60902C	372 DUNDAS	28	42	43	20	39	34	0.2	0.4	0.3	0.1	0.2	0.2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	55	70	49	52	51	55	0.1	0.4	0.1	0.1	0.3	0.2
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	29	37	65	39	50	44	0.2	0.4	0.5	0.3	0.6	0.4
61201R	CORNWALL, ONT. MEMORIAL PARK	31	-	-	-	-	-	0.2	-	-	-	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	48	68	-	52	60	57	0.0	0.6	-	0.3	0.5	0.4
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	-	103	46	62	70	-	-	0.5	0.7	1.2	0.8
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	31	37	-	22	57	37	0.2	0.2	-	0.2	0.2	0.2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	-	-	-	-	-	-	-	-	-	-	-	-
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	-	-	56	29	46	44	-	-	0.2	0.3	0.2	0.2
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	47	69	42	65	33	51	0.5	0.4	0.4	0.4	0.2	0.4
70104I	UNION STOCK YARDS	104	102	80	93	41	84	0.3	0.2	0.2	0.4	0.1	0.2
70118R	JEFFERSON & SCOTIA	20	64	21	31	25	32	0.2	0.2	0.1	0.3	0.1	0.2
70119C	65 ELLEN STREET	34	73	16	45	17	37	0.5	0.5	0.2	0.4	0.1	0.4
70120R	604 ST. MARY'S RD.	23	69	-	44	32	42	0.2	0.3	-	0.5	0.2	0.3
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	-	66	51	73	41	58	-	0.1	0.2	0.2	0.1	0.2
80102R	REGINA, SASK. 3211 ALBERT STREET	43	67	52	-	-	54	0.3	0.4	0.5	-	-	0.4
80108C	12TH AVE. & SMITH ST.	67	85	85	-	-	79	0.5	0.5	0.5	-	-	0.5
80109C	1620 ALBERT STREET	69	126	103	-	-	99	0.7	0.7	0.7	-	-	0.7
80203R	SASKATOON, SASK. 30TH ST. & 833 P AVE.	61	54	59	71	33	56	0.1	0.1	0.1	0.1	0.1	0.1
80209C	IDYLWYLD DR. & 33RD ST.	74	72	68	126	37	75	0.2	0.3	0.2	0.2	0.1	0.2
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	113	123	83	-	47	92	0.3	0.3	0.3	-	0.1	0.2
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	74	132	68	121	45	88	0.2	0.4	0.1	0.4	0.0	0.2
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	138	229	77	81	73	120	-	-	-	-	-	-
90122R	127 ST. & 133 AVENUE	84	86	69	90	29	72	-	-	-	-	-	-
90130C	10255 - 104TH STREET	82	114	101	128	58	97	-	-	-	-	-	-
90204C	CALGARY, ALTA. 316-7TH AVENUE	-	245	178	172	24	155	-	-	-	-	-	-
90218I	BONNY BRK & 18A ST. S.E.	636	333	96	171	44	256	-	-	-	-	-	-
90222R	39 ST. & 29 AVE. N.W.	85	70	52	101	18	65	-	-	-	-	-	-

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

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1982

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		2	8	14	20	26		2	8	14	20	26	
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 49TH STREET	-	-	-	-	-	-	-	-	-	-	-	-
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	74	34	45	94	35	56	1.6	0.4	1.3	1.1	1.0	1.1
00104R	27TH & ONTARIO	59	50	12	114	37	54	1.6	0.5	0.8	1.4	0.8	1.0
00106R	2294 WEST 10TH AVENUE	53	53	-	80	25	53	0.9	0.4	-	0.8	0.5	0.6
00108I	250 WEST 70TH AVENUE	-	56	-	-	45	-	-	0.3	-	-	0.7	-
00109C	970 BURRARD	56	52	65	92	33	60	1.4	0.6	1.3	1.2	0.5	1.0
00110R	E. HASTINGS & KENSINGTON	49	25	31	76	26	41	0.8	0.3	0.4	0.8	0.4	0.5
00111I	ROCKY PT. PARK	64	26	58	83	38	54	1.0	0.2	0.7	0.8	0.5	0.6
00113I	ANNACIS ISLAND, DELTA	77	34	76	85	40	62	0.9	0.1	0.8	0.6	0.4	0.6
00114C	MUNICIPAL HALL, RICHMOND	-	32	38	62	26	40	-	0.5	0.7	0.8	0.7	0.7
00115R	NEWTON ELEM. SCH., SURREY	-	-	-	-	39	-	-	-	-	-	0.5	-
00116R	FIRE HALL, N. VANCOUVER	44	28	-	83	32	47	1.0	0.4	-	1.0	0.5	0.7
00117R	BCIT BURNABY	59	36	45	76	26	48	1.5	0.3	1.1	1.0	0.8	0.9
	PRINCE GEORGE, B.C.												
00202C	1011 4TH AVENUE	105	40	107	184	34	94	0.3	0.2	0.4	0.6	0.2	0.3
	VICTORIA, B.C.												
00302C	1106 COOK ST.	36	35	39	58	42	42	0.8	0.4	0.9	0.7	0.8	0.7
	KAMLOOPS, B.C.												
00401C	301 SEYMOUR ST.	86	32	77	167	54	83	0.8	0.2	0.9	1.4	0.4	0.7
	WHITEHORSE, YUKON												
09001C	FEDERAL BUILDING	75	77	79	78	87	79	0.3	0.3	0.2	0.4	0.4	0.3

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

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		2	8	14	20	26
10101C	ST. JOHN'S, NFLD. DUCKWORTH & ORDINANCE	0	0	0	-	0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	0	-	0	-
30114R	HALIFAX, N.S. MT ST VINCENT UNIVERSITY	0	0	-	-	0
30115I	CFB SHEARWATER	0	-	0	-	0
30310C	SYDNEY, N.S. COUNTY JAIL	0	1	-	-	1
30311R	WHITNEY PIER FIRE STN.	-	-	12	4	1
30408R	GLACE BAY, N.S. SOUTH STREET	8	-	-	0	0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	1	0	0	-
50103R	POINTE-AUX-TREMBLES	0	2	0	0	0
50104C	1125 ONTARIO EST	2	5	3	1	1
50106R	VILLE ST-LAURENT	-	-	-	-	-
50108R	1700 BOURASSA, LONGUEUIL	-	-	-	-	-
50109C	DUNCAN & DECARIE	3	8	2	1	-
50110C	PARC PILON, MTL.-NORD	0	-	0	1	-
50112C	BOUL. LAURENTIDES	-	1	1	1	3
50113R	PIE X & CARDINAL	0	0	0	1	1
50115C	1001 BOUL MAISONNEUVE O.	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	2	1	1	0	0
50203R	HULL, QUEBEC GAMELIN & JOFFRE	0	0	1	0	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	1	2	3	7	10
50306R	2026 BLVD. ST-CYRILLE	0	-	1	0	1
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	0	22	-	-
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	0	2	0	3	2
50901R	ARVIDA, QUEBEC POWELL & HOOPES	54	2	1	0	5
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	-	-	3	0	0
51301R	BAIE COMEAU, QUEBEC 39 AVE. MARGUETTE	0	0	8	-	1
60101C	OTTAWA, ONT. 88 SLATER ST.	1	1	0	0	0
60104C	RIDEAU & WURTEMBERG	0	0	0	-	-
60105R	NRC, MONTREAL ROAD	0	1	1	0	0
60201I	WINDSOR, ONT. MORTON TERMINAL DOCK	1	2	1	1	0
60204C	471 UNIVERSITY AVENUE	1	0	1	0	1
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	1	1	4	2	2
60403I	EVANS & ARNOLD	0	0	-	0	0
60409R	REDLANDS CRESCENT	0	0	0	0	0
60410R	LAWRENCE & KENNEDY	0	1	-	-	-
60412R	BATHURST & WILSON	1	2	5	4	2
60413R	ELMCREST ROAD	1	3	-	1	0
60414I	SHERBOURNE & WILTON ST.	0	0	-	0	0
60415R	QUEENSWAY W & HURONTARIO	0	-	-	-	-
60417C	26 BREADALBANE STREET	1	0	3	1	1
60501C	HAMILTON, ONT. BARTON & SANFORD	1	8	3	1	7
60505R	NORTH PARK	4	2	5	1	1
60602R	SUDBURY, ONT. ASH STREET	-	-	-	0	-
60806R	THUNDER BAY, ONT. 435 JAMES S.	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	0	-	-	-	0

COMBINATION OF SULPHUR DIOXIDE AND
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DIOXYDE DE SOUFRE ET
PARTICULES EN ASSOCIATION
1000*(MICROGRAMMES/METRE CUBE)**2

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		2	8	14	20	26
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	0	2	-	0	0
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	0	0	2	0	0
61201R	CORNWALL, ONT. MEMORIAL PARK	0	-	-	-	-
61301C	ST. CATHARINES, ONT. NORTH ST. & GENEVA ST.	1	1	-	0	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	-	-	0	1	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	0	0	-	1	2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	-	-	-	-	-
61801C	GUELPH, ONT. FARQUHAR & WYNDHAM	-	-	0	0	1
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	0	0	0	0
70119C	65 ELLEN STREET	0	0	0	1	0
70120R	604 ST. MARY'S RD.	0	1	-	0	0
80109C	REGINA, SASK. 1620 ALBERT STREET	0	0	0	-	-
80209C	SASKATOON, SASK. IDYLYLD DR. & 33RD ST.	0	0	0	0	0
80301C	MOOSE JAW, SASK. FAIRFORD ST. & 1ST AVE.	-	-	-	-	-
80401C	PRINCE ALBERT, SASK. 1257-1ST AVE. EAST	-	-	-	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	13	3	0	2	0
00106R	VANCOUVER, B.C. 2294 WEST 10TH AVENUE	0	1	-	1	0
00110R	E. HASTINGS & KENSINGTON	1	0	1	1	-
00111I	ROCKY PT. PARK	-	0	1	1	0
00302C	VICTORIA, B.C. 1106 COOK ST.	0	0	0	-	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	0	0	0	3	0

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

SEPTEMBER - SEPTEMBRE
1982

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	S03
SYDNEY, N.S.			
30301R	MURPHY ROAD	3.4	0.0 **
30309I	PT EDWARD, RICHMOND PLST	4.9	0.2 **
30310C	COUNTY JAIL	3.5	0.2 **
30311R	WHITNEY PIER FIRE STN.	13.0	0.5 **
GLACE BAY, N.S.			
30401R	LAKE ROAD	15.0	0.1 **
30405C	GENERAL HOSPITAL	5.3	0.1 **
MONTREAL, QUEBEC			
50101R	PARC JARRY	2.0	-
50102R	JARDIN BOTANIQUE	2.0	- *
50103R	POINTE-AUX-TREMBLES	3.0	-
50106R	VILLE ST-LAURENT	-	-
50107R	VILLE LASALLE	-	-
TORONTO, ONT.			
60403I	EVANS & ARNOLD	4.4	-
60404R	5126 YONGE STREET	2.4	-
60405I	JOHN STREET PUMP STATION	4.1	-
60406R	ROSEHILL RESERVOIR	2.0	-
60408C	DANFORTH & ROBINSON	-	-
HAMILTON, ONT.			
60501C	BARTON & SANFORD	-	-
60502I	BURLINGTON & GAGE	-	-
60503I	CHATHAM & FRID	-	-
60507C	HUGHSON & HUNTER	-	-
60510I	STRATHEARN	-	-
SAULT STE. MARIE, ONT.			
60702R	ANNA MCREA PUBLIC SCHOOL	4.2	-
60703I	BAYVIEW & YOUNG	14.3	-
THUNDER BAY, ONT.			
60801C	14 ALGOMA STREET	3.6	-
LONDON, ONT.			
60901C	KING & RECTORY	-	-
WINNIPEG, MAN.			
70105R	MARTIN & HENDERSON HWY	17.7	0.1 **
70110C	KENNEDY & ST. MARY'S	5.4	-
70113I	WINDERMERE & ROCKMAN	7.1	- **
70115C	PORTAGE & MINTO	8.1	- **
70116I	SMITH & KING	11.0	- **
EDMONTON, ALTA.			
90125C	PRINS ELIZABETH & 108 ST	3.6	- **
90126R	77 AVENUE & 85 STREET	5.5	0.1 **
90127I	115 AVENUE & 159 STREET	16.2	0.1 **
90128R	99 AVENUE & 160 STREET	3.7	0.1 **
CALGARY, ALTA.			
90219C	620-7TH AVENUE, S.W.	10.8	0.2 **
90221R	DALHOUSIE DR & DALHAM DR	1.9	0.1 **
90223C	11 ST. & 38 AVE. S.E.	19.9	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	15.3	0.1 **
90225R	PALLISER DR & OAKWOOD SW	3.2	0.1 **
90226I	SHEPPARD & 84 AVE S.E.	9.6	0.1 **

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CANADA. AIR POLLUTION CONTROL DIRECTORATE

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- * INDICATES LEAD PEROXIDE CANDLE
DENOTE LA CHANDELLE DE PEROXYDE DE PLOMB
- ** INDICATES LEAD PEROXIDE PLATE
DENOTE LA PLAQUE DE PEROXYDE DE PLOMB