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National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Monthly Summary

Extrait mensuel

Report EPS 7/AP/12-88
December 1988

Rapport SPE 7/AP/12-88
Décembre 1988



Environment
Canada

Environnement
Canada

Canada

SULFUR DIOXIDE
PARTS PER HUNDRED MILLIONDECEMBER - DECEMBRE
1988DIOXYDE 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
10102C	ST. JOHN'S, NFLD. 354 WATER STREET	682	1.3	1	3	5	7	2	2	3	4
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	713	0.4	0	1	1	5	0	1	1	1
30115I	HALIFAX, N.S. CPB SHEARMATER	682	1.5	1	6	10	12	2	3	4	4
30117C	SEDFOUR ROW POST OFFICE	485	2.6	3	7	13	18	3	8	10	10
30310C	SYDNEY, N.S. COUNTY JAIL	706	0.1	0	1	2	4	0	1	1	1
30409R	GLACE BAY, N.S. SOUTH STREET	702	0.2	0	1	3	5	0	1	1	1
40202C	SAINT JOHN, N.B. POST OFFICE	709	0.8	1	3	5	7	1	2	3	3
40203R	FOREST HILLS	573	0.8	1	4	8	22	1	4	5	5
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	715	0.9	1	3	4	5	1	2	2	2
50103R	POINTE-AUX-TREMBLES	741	2.0	2	7	9	16	2	4	6	7
50104C	1125 ONTARIO EST	733	1.3	2	3	6	15	2	3	3	3
50109C	DUNCAN & DECARIE	714	0.8	1	3	5	6	1	3	3	3
50110C	PARC PILON, MTL.-NORD	0	---	---	---	---	---	---	---	---	---
50112C	BOUL. LAURENTIDES	690	0.9	1	3	4	4	1	2	2	3
50113R	PIE X & CARDINAL	690	0.7	1	2	3	3	1	2	2	2
50115C	1001 BOUL. MAISONNEUVE O.	741	1.3	2	3	6	8	2	3	4	4
50116R	3161 JOSEPH, VERDUM	675	0.7	1	3	4	8	1	2	3	3
50117R	7405 CHAMPAGNEUR	697	1.6	2	4	7	10	2	4	5	6
50118R	820 ST. GERMAIN	608	0.5	1	2	2	2	1	1	1	1
50119R	699 CURE POIRIER	0	---	---	---	---	---	---	---	---	---
50120R	4TH. AVE. SOUTH, ROXBORO	544	0.7	1	2	3	7	1	2	2	2
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	736	0.8	1	2	2	3	1	1	2	2
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	---	---	---	---	---	---	---	---	---
50306R	2026 BLVD. ST-CYRILLE	687	0.2	0	1	2	4	0	1	1	1
50307C	PARC CARTIER BREBONF	643	0.9	1	2	4	5	1	2	2	2
50601C	ROUYN, QUEBEC HOTEL DE VILLE	652	0.9	1	2	3	6	1	2	3	3
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	689	1.2	1	4	7	11	2	3	4	4
50901R	ARVIDA, QUEBEC POWELL & HOOPES	687	1.6	1	9	16	20	2	6	9	9
51201I	SHAWINIGAM, QUEBEC FRIGON & LAVAL	642	1.9	1	7	25	36	2	5	12	12
51302R	BAIE COMEAU, QUEBEC 39 AVENUE MANCE	0	---	---	---	---	---	---	---	---	---
60101C	OTTAWA, ONT. 88 SLATER ST.	732	0.7	1	2	2	3	1	1	1	2
60104C	RIDEAU & WURTEMBERG	738	0.3	0	1	2	7	0	1	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	730	1.5	2	4	6	8	2	3	4	4
60211R	COLLEGE & PRINCE	735	1.5	2	4	6	7	2	3	3	3
60212I	WATER & WRIGHT AVE.	704	1.1	1	3	4	5	1	2	3	3
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	741	0.4	0	2	3	7	1	2	2	2
60403I	EVANS & ARNOLD	742	1.1	1	3	5	9	1	3	3	3
60409R	REDLANDS CRESCENT	744	0.5	1	2	4	7	1	2	2	2
60410R	LAWRENCE & KENNEDY	743	0.8	1	3	5	6	1	2	3	3
60413R	ELMCREST ROAD	276	---	0	1	2	2	0	1	1	1
60415R	QUEENSWAY W & HURONTARIO	741	0.2	0	1	3	5	0	1	2	2
60417C	26 BREADALBANE STREET	744	0.7	1	2	4	8	1	2	2	2
60501C	HAMILTON, ONT. BARTON & SANFORD	740	1.0	1	2	4	7	1	2	3	3
60511R	467 BEACH BLVD.	738	1.7	2	5	6	9	2	3	4	4
60512C	BEASLEY PARK	742	0.7	1	2	3	5	1	2	3	3
60602R	SUDSBURY, ONT. ASH STREET	720	0.4	0	2	5	19	1	1	2	2
60606C	KENNEDY STREET	647	0.7	1	3	8	20	1	2	3	3

--- 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 MILLIONDECEMBER - DECEMBRE
1988DIOXIDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60607R	SCIENCE CENTRE NORTH	690	0.7	1	2	9	35	1	3	3	3
60707I	SAULT STE. MARIE, ONT. WM. HERRIFIELD SCHOOL	714	0.5	1	2	5	7	1	1	3	3
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	727	0.0	0	0	1	1	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	667	0.5	1	2	2	3	1	1	2	2
61004R	SARNIA, ONT. FRONT ST. AT C.M. TRACKS	738	1.1	1	7	13	20	1	5	7	7
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	744	0.4	1	1	2	3	1	1	2	2
61201R	CORNWALL, ONT. MEMORIAL PARK	742	1.0	1	5	8	22	1	3	4	5
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	739	0.8	1	2	3	3	1	2	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	738	0.3	0	2	2	4	0	1	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	737	0.9	1	3	5	9	1	3	3	4
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	744	1.1	1	3	4	4	1	2	3	3
61802R	GUELPH, ONT. EXHIBITION PARK	734	0.7	1	2	3	3	1	2	2	3
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	712	0.2	0	0	1	2	0	0	0	0
70119C	65 ELLEN STREET	713	0.3	0	1	2	3	0	1	1	1
80110C	REGINA, SASK. 2505 11TH AVENUE	706	0.2	0	1	1	1	0	0	1	1
80209C	SASKATOON, SASK. IDYLYLD DR. & 33RD ST.	698	0.0	0	0	0	1	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	739	0.5	1	1	1	3	1	1	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	738	0.5	1	2	2	4	1	1	1	1
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	717	0.6	1	1	2	5	1	1	1	1
00111I	ROCKY PT. PARK	734	0.2	0	1	1	3	0	1	1	1
00112C	ROBSON/HORNEY	723	0.9	1	2	3	5	1	2	2	2
00118R	2550 WEST 10TH AVENUE	722	0.6	1	2	2	3	1	2	2	2
00303C	VICTORIA, B.C. 1250 QUADRA ST.	735	1.0	1	3	4	6	1	2	2	3
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	712	0.0	0	0	0	1	0	0	0	0

CARBON MONOXIDE PARTS PER MILLION			DECEMBER - DECEMBRE 1988				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				MOYENNES			
				1-HOUR / HEURE				8-HOUR / HEURES				24-HOUR / HEURES			
70	95	99	MAX	70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
10102C	ST. JOHN'S, Nfld. 354 WATER STREET	739	1.3	2	4	6	15	2	3	5	6	2	3	4	4
30117C	HALIFAX, N.S. BEDFORD ROW POST OFFICE	744	1.7	2	3	4	6	2	3	4	4	2	3	3	3
40202C	SAINT JOHN, N.S. POST OFFICE	611	***	1	2	4	6	1	2	2	3	1	1	2	2
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50103R	POINTE-AUX-TREMbles	741	***	1	1	3	5	1	1	2	3	1	1	1	1
50104C	1125 ONTARIO EST	735	0.7	1	2	3	6	1	2	3	3	1	1	2	2
50109C	DUNCAN & DECARIE	740	1.5	2	4	7	13	2	3	5	6	2	3	4	4
50110C	PARC PILON, MTL.-NORD	740	1.0	1	3	7	14	1	3	5	6	1	3	3	3
50112C	BOUL. LAURENTIDES	689	0.8	1	2	4	10	1	2	4	4	1	2	2	2
50113R	PIE X & CARDINAL	690	0.6	1	2	4	6	1	2	3	4	1	2	2	2
50115C	1001 BOUL MAISONNEUVE O.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUM	675	1.0	1	3	3	7	1	2	3	3	1	2	3	3
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50120R	4TH. AVE. SOUTH, ROXBORO	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	708	0.7	1	2	2	4	1	2	2	3	1	1	2	2
50307C	QUEBEC, QUEBEC PARC CARTIER BREBECUF	690	1.0	1	3	6	11	1	3	4	5	1	2	3	3
60101C	OTTAWA, ONT. 88 SLATER ST.	732	1.4	2	3	5	8	2	3	4	5	2	2	3	3
60104C	RIDEAU & WURTEMBERG	740	1.0	1	2	3	7	1	2	2	3	1	1	2	2
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	738	1.1	1	2	3	6	1	2	2	3	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	743	0.9	1	2	3	4	1	1	2	2	1	1	1	1
60403I	EVANS & ARNOLD	743	1.2	1	2	4	8	1	2	4	4	1	2	3	3
60410R	LAWRENCE & KENNEDY	742	1.3	2	3	4	5	2	2	3	3	2	2	3	3
60413R	ELMCREST ROAD	275	---	1	1	3	4	1	2	2	2	1	1	1	1
60415R	QUEENSWAY W & HURONTARIO	742	1.0	1	2	4	12	1	2	3	5	1	2	2	3
60416C	381 YONGE STREET	744	1.8	2	4	6	8	2	4	5	5	2	3	3	3
60417C	26 BREADALBANK STREET	744	0.8	1	1	2	4	1	1	2	2	1	1	1	1
60511R	HAMILTON, ONT. 467 BEACH BLVD.	737	1.3	2	2	3	4	2	2	2	2	1	2	2	2
60512C	BEASLEY PARK	739	1.3	1	2	3	8	1	2	3	4	1	2	2	2
60607R	SUDBURY, ONT. SCIENCE CENTRE NORTH	12	---	0	1	1	1	-	-	-	-	-	-	-	-
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	714	1.1	1	2	4	7	1	2	3	3	1	2	2	2
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	743	0.6	1	2	4	5	1	2	3	3	1	2	2	2
60901C	LONDON, ONT. KING & RECTORY	739	0.9	1	2	2	4	1	1	2	2	1	1	1	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	738	***	0	1	1	3	1	1	1	2	1	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	743	0.9	1	1	2	4	1	1	2	2	1	1	1	2
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	742	0.8	1	1	2	4	1	1	2	2	1	1	2	2
61501C	KITCHENER, ONT. EDNA & FREDERICK	741	0.9	1	2	3	6	1	2	2	3	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	737	0.9	1	1	2	7	1	1	2	2	1	1	1	1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	744	1.3	1	3	5	7	1	2	4	4	1	2	3	3
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	712	0.5	1	1	3	6	1	1	2	3	1	1	1	1
70119C	65 ELLEN STREET	713	0.8	1	2	3	3	1	2	2	2	1	1	1	1

*** 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 MILLIONDECEMBER - DECEMBRE
1988MONOXYDE 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
80110C	REGINA, SASK. 2505 11TH AVENUE	737	1.5	2	3	4	6	2	3	3	3	2	2	2	2
80209C	SASKATOON, SASK. IDYLYLD DR. & 33RD ST.	729	0.6	1	1	2	5	1	1	2	2	1	1	1	1
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	740	0.7	1	2	3	5	1	2	2	3	1	1	2	2
90122R	127 ST. & 133 AVENUE	738	1.8	2	5	10	19	2	5	9	10	2	4	5	5
90130C	10255 - 104TH STREET	744	2.0	2	5	8	21	2	4	8	12	2	4	6	7
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	742	1.1	1	4	7	11	1	3	4	5	1	2	3	3
90227C	611-4TH STREET S.W.	742	2.1	2	6	8	21	3	5	9	14	2	4	6	8
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	726	2.0	2	6	12	14	2	5	10	12	2	6	8	8
00110R	E. HASTINGS & KENSINGTON	726	1.2	1	3	4	7	1	3	3	4	1	2	3	3
00111I	ROCKY PT. PARK	730	1.7	2	5	7	9	2	4	6	7	2	4	5	5
00112C	ROBSON/HORNBY	672	2.2	3	5	7	8	3	5	6	6	2	4	5	5
00118R	2550 WEST 10TH AVENUE	723	1.9	2	6	10	11	2	5	8	9	2	5	6	6
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	731	1.4	2	5	8	9	2	5	6	7	2	3	4	4

NITROGEN DIOXIDE
 PARTS PER HUNDRED MILLION

 DECEMBER - DECEMBER
 1988

 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			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30117C	CFB SHEARWATER	299	---	1	2	3	3	1	1	2	2
	BEDFORD ROW POST OFFICE	744	2.1	3	4	4	6	2	3	4	4
40202C	SAINT JOHN, N.B.										
40203R	POST OFFICE	741	---	1	3	4	5	1	2	2	3
	FOREST HILLS	574	---	1	3	3	4	1	2	2	2
50102R	MONTREAL, QUEBEC										
50104C	JARDIN BOTANIQUE	715	2.0	3	3	4	4	2	3	3	3
50109C	1125 ONTARIO EST	735	2.4	3	4	4	5	3	3	4	4
50110C	DUNCAN & DECARIE	706	3.6	4	7	9	16	4	6	8	8
50112C	PARC PILON, MTL.-NORD	740	1.8	2	3	4	5	2	3	3	4
50113R	BOUL. LAURENTIDES	690	2.5	3	4	6	6	3	4	4	5
50115C	PIE X & CARDINAL	690	2.8	4	6	8	9	3	5	5	6
50116R	1001 BOUL MAISONNEUVE O.	741	2.7	3	4	6	7	3	4	6	6
50119R	3161 JOSEPH, VERDUM	650	2.1	2	3	5	8	2	3	4	4
50120R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-
	4TH. AVE. SOUTH, ROXBORO	367	---	2	3	4	5	2	3	3	3
50203R	HULL, QUEBEC										
	GAMBLIN & JOFFRE	742	1.8	2	3	4	4	2	3	3	3
50307C	QUEBEC, QUEBEC										
	PARC CARTIER BREBONF	694	2.6	3	4	6	9	3	4	5	5
60101C	OTTAWA, ONT.										
60104C	88 SLATER ST.	743	3.6	4	6	7	8	4	5	5	5
	RIDEAU & WURTEMBERG	743	2.6	3	8	9	11	3	7	8	9
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	737	4.1	5	7	9	14	5	6	6	6
60402R	TORONTO, ONT.										
60403I	DOM HILLS, SCIENCE CNTR	743	3.0	4	4	5	5	3	4	4	4
60410R	EVANS & ARNOLD	744	3.2	4	5	7	15	4	4	6	6
60413R	LAWRENCE & KENNEDY	744	2.5	3	4	4	5	3	3	4	4
60415R	ELMCREST ROAD	316	---	3	4	4	5	3	3	3	3
60417C	QUEENSWAY W & HURONTARIO	744	2.1	3	3	4	4	2	3	3	3
	26 BREADALBANE STREET	744	2.4	3	3	4	5	3	3	3	3
60511R	HAMILTON, ONT.										
60512C	467 BEACH BLVD.	737	2.9	3	4	4	5	3	4	4	4
	BEASLEY PARK	743	2.3	3	4	4	6	3	3	3	3
60607R	SUDBURY, ONT.										
	SCIENCE CENTRE NORTH	707	1.1	1	3	3	4	1	2	2	2
60707I	SAULT STE. MARIE, ONT.										
	WM. MERRIFIELD SCHOOL	105	---	2	4	5	5	2	3	3	3
60807R	THUNDER BAY, ONT.										
	615 JAMES STREET SOUTH	742	1.4	2	3	3	4	2	2	2	2
60901C	LONDON, ONT.										
	KING & RECTORY	739	2.3	3	4	5	5	3	3	3	4
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	738	1.9	3	4	5	5	2	4	4	4
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	741	---	1	2	3	4	1	2	3	3
61302C	ST. CATHARINES, ONT.										
	ARGYLE CRESCENT	741	2.2	3	3	4	5	3	3	3	3
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	739	2.1	3	3	4	4	2	3	3	3
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	735	1.6	2	3	4	4	2	2	3	3
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	742	2.6	3	4	5	5	3	4	4	4
70118R	WINNIPEG, MAN.										
70119C	JEFFERSON & SCOTIA	712	1.6	2	3	4	4	2	3	3	3
	65 ELLEN STREET	713	2.1	2	3	4	7	2	3	3	3
80110C	REGINA, SASK.										
	2505 11TH. AVENUE	737	2.0	2	3	3	4	2	2	3	3

 *** 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

 DECEMBER - DECEMBRE
 1988

 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
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	724	2.0	2	3	4	4	2	3	3	3
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	727	2.3	3	4	5	9	3	4	5	5
90130C	10255 - 104TH STREET	744	3.1	4	5	6	13	3	4	5	6
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	741	2.7	3	5	6	9	3	4	4	5
90227C	611-4TH STREET S.W.	740	4.0	4	6	9	15	4	5	7	8
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	720	3.7	4	6	9	11	4	6	8	8
00110R	E. HASTINGS & KENSINGTON	724	2.4	3	4	6	8	3	3	4	4
00111I	ROCKY PT. PARK	733	2.1	2	4	5	7	2	3	4	4
00112C	ROBSON/HORNBY	724	3.4	4	6	9	10	4	6	6	7
00118R	2550 WEST 10TH AVENUE	727	2.7	3	5	7	8	3	5	6	6
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	740	1.5	2	3	4	5	2	3	3	3

OZONE
PARTS PER HUNDRED MILLIONDECEMBER - DECEMBRE
1988OZONE
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			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S.										
30117C	CFB SHEARWATER	249	---	3	4	4	5	3	4	4	4
	BEDFORD ROW POST OFFICE	744	1.3	2	3	3	3	2	2	3	3
30501R	KEJINKUJIK, N.S.										
	NATIONAL PARK	0	---	-	-	-	-	-	-	-	-
30601R	FALL RIVER, N.S.										
	123 OAKS ROAD	724	2.1	3	3	4	4	2	3	3	3
40202C	SAINT JOHN, N.B.										
	POST OFFICE	741	2.0	3	4	4	4	2	3	3	3
40203R	FOREST HILLS	572	2.2	3	3	4	4	3	3	3	3
50102R	MONTREAL, QUEBEC										
	JARDIN BOTANIQUE	715	0.7	1	2	3	3	1	2	2	2
50103R	POINTE-AUX-TREMELES	513	0.8	1	2	3	3	1	2	2	3
50104C	1125 ONTARIO EST	733	1.1	1	2	3	3	1	2	2	3
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	740	1.0	1	3	4	5	1	3	3	3
50112C	BOUL. LAURENTIDES	713	1.0	1	3	3	3	1	2	3	3
50113R	PIE X & CARDINAL	689	1.1	2	3	3	4	2	3	3	3
50115C	1001 BOUL. MAISONNEUVE O.	0	---	-	-	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUM	675	0.8	1	2	3	3	1	2	2	3
50119R	699 CURE POIRIER	0	---	-	-	-	-	-	-	-	-
50120R	4TH. AVE. SOUTH, ROXBORO	587	0.7	1	2	3	3	1	2	2	2
50306R	QUEBEC, QUEBEC										
	2026 BLVD. ST-CYRILLE	558	***	0	4	6	6	0	3	5	5
50307C	PARC CARTIER BREBONUF	690	0.8	1	2	3	3	1	2	2	2
51401R	ST. ETIENNE, QUEBEC										
	135 DUPUIS	0	---	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT.										
	88 SLATER ST.	687	0.6	1	2	2	3	1	1	2	2
60104C	RIDEAU & WURTEMBERG	739	1.4	2	3	3	5	2	2	3	3
60204C	WINDSOR, ONT.										
	471 UNIVERSITY AVENUE	732	1.0	1	3	3	3	1	2	2	3
60402R	TORONTO, ONT.										
	DOM MILLS, SCIENCE CNTR	744	0.7	1	2	2	3	1	2	2	2
60403I	EVANS & ARNOLD	743	0.8	1	2	4	6	1	2	3	3
60410R	LAWRENCE & KENNEDY	744	0.9	1	2	3	3	1	2	2	2
60413R	ELMCREST ROAD	0	---	-	-	-	-	-	-	-	-
60415R	QUEENSWAY W & HURONTARIO	743	0.9	1	2	2	3	1	2	2	2
60417C	26 BREADALBANE STREET	744	0.9	1	2	3	3	1	2	2	2
60512C	HAMILTON, ONT.										
	BRASLEY PARK	743	0.8	1	2	2	3	1	2	2	2
60602R	SUDBURY, ONT.										
	ASH STREET	0	---	-	-	-	-	-	-	-	-
60607R	SCIENCE CENTRE NORTH	386	2.3	3	3	4	5	3	3	3	3
60707I	SAULT STE. MARIE, ONT.										
	WM. MERRIFIELD SCHOOL	714	1.9	2	4	4	4	2	3	3	3
60807R	THUNDER BAY, ONT.										
	615 JAMES STREET SOUTH	743	1.3	2	2	3	3	2	2	2	2
60901C	LONDON, ONT.										
	KING & RECTORY	733	1.5	2	3	4	4	2	2	3	3
61004R	SARNIA, ONT.										
	FRONT ST. AT C.N. TRACKS	738	1.3	2	3	3	3	2	2	3	3
61201R	CORNWALL, ONT.										
	MEMORIAL PARK	741	1.3	2	3	3	3	2	2	2	2
61302C	ST. CATHARINES, ONT.										
	ARGYLE CRESCENT	740	1.5	2	3	3	3	2	3	3	3
61501C	KITCHENER, ONT.										
	EDNA & FREDERICK	739	1.4	2	3	3	3	2	2	3	3
61602R	OAKVILLE, ONT.										
	BRONTE AND WOBURN CRES.	736	1.2	2	3	3	3	2	2	3	3
61701R	OSHAWA, ONT.										
	RITSON RD. & OLIVE AVE.	743	1.2	2	3	3	5	2	3	3	3

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

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

OSONE
PARTS PER HUNDRED MILLION

DECEMBER - DECEMBRE
1988

OSONE
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
61802R	GUELPH, ONT. EXHIBITION PARK	560	1.7	2	3	4	6	2	3	3	3				
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	712	2.1	3	4	4	4	2	3	4	4				
70119C	65 ELLEN STREET	713	1.0	1	2	3	3	1	2	2	2				
80110C	REGINA, SASK. 2505 11TH AVENUE	677	0.9	1	2	2	2	1	1	2	2				
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	729	1.2	2	2	3	3	2	2	2	2				
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	738	0.7	1	3	3	4	1	2	2	3				
90130C	10255 - 104TH STREET	744	0.7	1	2	3	3	1	1	2	2				
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	741	1.3	2	3	4	5	2	3	3	3				
90227C	611-6TH STREET S.W.	742	0.6	1	2	3	3	1	2	2	2				
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	730	***	0	2	3	3	1	1	2	2				
00110R	E. HASTINGS & KENSINGTON	736	***	0	1	2	3	1	1	1	1				
00111I	ROCKY PT. PARK	732	***	0	2	3	3	0	1	2	2				
00112C	ROBSON/HORNBY	731	***	0	1	2	2	0	1	1	1				
00118R	2550 WEST 10TH AVENUE	727	***	0	2	3	3	0	1	2	3				
00303C	VICTORIA, B.C. 1250 QUADRA ST.	702	0.8	1	3	4	4	1	2	3	3				
00701C	KELOWNA, B.C. 100 KLO RD.	701	1.1	2	2	3	3	1	2	2	3				

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

SOILING INDEX
 COH UNITS PER 1000 LINEAR FT.

 DECEMBER - DECEMBRE
 1988

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
MONTREAL, QUEBEC											
50109C	DUNCAN & DECARIE	312	0.56	0.7	1.4	2.3	2.8	0.7	1.1	1.2	1.2
50110C	PARC PILON, MTL.-NORD	0	----	-	-	-	-	-	-	-	-
50115C	1001 BOUL MAISONNEUVE O.	316	0.47	0.6	1.2	1.6	2.0	0.6	0.9	1.1	1.2
50116R	3161 JOSEPH, VERDUN	230	0.12	0.2	0.4	0.6	0.7	0.2	0.2	0.3	0.3
50120R	4TH. AVE. SOUTH, ROXBORO	298	0.27	0.3	1.0	1.4	1.9	0.3	0.7	0.8	0.8
HULL, QUEBEC											
50203R	GAMBLIN & JOFFRE	348	0.24	0.3	0.6	0.9	1.2	0.3	0.5	0.6	0.6
OTTAWA, ONT.											
60101C	88 SLATER ST.	293	0.64	0.8	1.9	2.6	3.2	0.8	1.1	1.2	1.3
60104C	RIDEAU & WURTEMBERG	743	(1) 0.44	0.5	0.9	1.4	1.7	0.5	0.8	1.0	1.0
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	742	(1) 0.60	0.7	1.4	2.4	3.9	0.7	1.3	1.5	1.6
60211R	COLLEGE & PRINCE	740	(1) 0.38	0.4	0.8	1.2	1.7	0.4	0.6	0.7	0.8
TORONTO, ONT.											
60403I	EVANS & ARNOLD	739	(1) 0.50	0.6	1.1	1.6	2.4	0.6	0.9	1.1	1.1
60410R	LAWRENCE & KENNEDY	743	(1) 0.45	0.5	0.9	1.3	1.8	0.5	0.7	0.8	0.8
60417C	26 BREADALBANE STREET	739	(1) 0.28	0.3	0.6	0.8	0.9	0.3	0.5	0.6	0.6
HAMILTON, ONT.											
60501C	BARTON & SANFORD	741	(1) 0.36	0.4	0.8	1.2	1.7	0.4	0.6	0.7	0.7
60511R	467 BEACH BLVD.	0	----	-	-	-	-	-	-	-	-
60512C	BEASLEY PARK	372	0.37	0.4	0.9	1.5	2.6	0.4	0.7	0.8	0.8
SUDBURY, ONT.											
60602R	ASH STREET	0	----	-	-	-	-	-	-	-	-
60607R	SCIENCE CENTRE NORTH	356	0.21	0.2	0.6	0.8	1.0	0.2	0.4	0.6	0.7
SAULT STE. MARIE, ONT.											
60707I	WM. MERRIFIELD SCHOOL	357	0.32	0.4	0.9	1.4	2.4	0.4	0.7	0.9	1.0
THUNDER BAY, ONT.											
60807R	615 JAMES STREET SOUTH	743	(1) ****	0.1	0.2	0.3	0.4	0.1	0.1	0.2	0.2
LONDON, ONT.											
60901C	KING & RECTORY	738	(1) 0.26	0.3	0.5	0.7	0.9	0.3	0.5	0.5	0.6
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	735	(1) 0.33	0.4	0.7	0.9	1.0	0.4	0.6	0.7	0.7
CORNWALL, ONT.											
61201R	MEMORIAL PARK	670	(1) 0.13	0.1	0.3	1.7	2.2	0.1	0.2	1.0	1.3
ST. CATHARINES, ONT.											
61302C	ARGYLE CRESCENT	370	0.22	0.3	0.5	0.9	1.1	0.3	0.4	0.5	0.5
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	716	(1) 0.22	0.3	0.5	0.6	0.8	0.3	0.4	0.4	0.4
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	740	(1) 0.20	0.2	0.8	1.4	1.7	0.2	0.6	1.1	1.1
GUELPH, ONT.											
61802R	EXHIBITION PARK	710	(1) 0.15	0.2	0.3	0.5	0.6	0.2	0.3	0.3	0.3
WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	616	(1) 0.14	0.2	0.3	0.5	1.2	0.2	0.2	0.2	0.3
70119C	65 ELLEN STREET	690	(1) 0.19	0.2	0.4	0.6	0.7	0.2	0.3	0.3	0.3
EDMONTON, ALTA.											
90122R	127 ST. & 133 AVENUE	696	(1) 0.38	0.4	1.0	1.8	2.3	0.5	0.9	1.2	1.2
90130C	10255 - 104TH STREET	744	(1) 0.30	0.3	0.8	1.2	3.3	0.3	0.7	1.0	1.1
CALGARY, ALTA.											
90218I	BONNY BRK & 18A ST. S.E.	744	(1) 0.50	0.6	1.3	2.9	3.5	0.6	1.0	1.2	1.2
90222R	39 ST. & 29 AVE. N.W.	744	(1) 0.13	0.1	0.5	1.0	1.3	0.2	0.3	0.4	0.4
90227C	611-4TH STREET S.W.	744	(1) 0.37	0.4	0.9	1.4	2.1	0.4	0.6	0.8	0.9
VANCOUVER, B.C.											
00102R	100 RICHMOND STREET	372	0.49	0.6	1.4	2.1	3.4	0.6	1.3	1.8	1.8
00108I	250 WEST 70TH AVENUE	332	0.42	0.5	1.3	1.6	2.0	0.5	1.1	1.2	1.2
00110R	E. HASTINGS & KENSINGTON	367	0.28	0.4	0.7	1.0	1.2	0.3	0.6	0.6	0.6
00111I	ROCKY PT. PARK	372	0.51	0.6	1.4	1.7	2.0	0.6	1.2	1.3	1.4
00112C	ROBSON/HORNBY	324	0.41	0.5	1.0	1.3	1.9	0.4	0.9	1.1	1.2
00118R	2550 WEST 10TH AVENUE	346	0.45	0.6	1.3	2.0	2.7	0.5	1.0	1.3	1.4

 (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 METREDECEMBER - DECEMBRE
1988PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	PARTICULATES / PARTICULES					MEAN MOYENNE	LEAD / PLOMB					MEAN MOYENNE
		DAY / JOUR						DAY / JOUR					
		5	11	17	23	29		5	11	17	23	29	
10102C	ST. JOHN'S, Nfld. 354 WATER STREET	47	17	29	26	20	28	0.0	0.0	0.0	0.0	0.0	0.0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	53	21	27	20	12	27	0.0	0.1	0.1	0.0	0.0	0.0
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	-	44	50	-	-	-	-	0.0	0.0	-	-	-
30102R	DALHOUSIE UNIVERSITY	18	29	25	-	-	24	0.0	0.1	0.0	-	-	0.0
30115I	CFB SHEARWATER	14	20	29	-	-	21	0.0	0.0	0.0	-	-	0.0
30310C	SYDNEY, N.S. COUNTY JAIL	43	115	38	57	21	55	0.1	0.0	0.0	0.1	0.1	0.1
30311R	WHITNEY PIER FIRE STN.	83	87	72	79	54	75	0.1	0.1	0.1	0.1	0.1	0.1
30409R	GLACE BAY, N.S. SOUTH STREET	96	-	36	35	16	46	0.1	-	0.0	0.0	0.0	0.0
40102C	FREDERICTON, N.B. YORK STREET	52	47	36	28	25	38	0.0	0.0	0.1	0.0	0.0	0.0
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	70	-	58	57	47	58	0.0	-	0.0	0.0	0.0	0.0
40203R	FOREST HILLS	46	47	49	61	-	51	0.0	0.0	0.0	0.1	-	0.0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	27	32	38	42	30	34	0.0	0.2	0.2	0.3	0.1	0.2
50103R	POINTE-AUX-TREMBLES	59	32	61	61	28	48	0.4	0.5	0.4	0.1	0.1	0.3
50104C	1125 ONTARIO EST	50	56	32	-	-	46	0.1	0.2	0.1	-	-	0.1
50109C	DUNCAN & DECARIE	50	46	57	65	76	59	0.0	0.1	0.1	0.2	0.1	0.1
50110C	PARC PILON, MTL.-NORD	32	49	52	42	32	41	0.0	0.0	0.1	0.0	0.0	0.0
50112C	BOUL. LAURENTIDES	25	35	34	-	-	31	-	-	-	-	-	-
50113R	PIE X & CARDINAL	30	46	46	-	-	41	-	-	-	-	-	-
50116R	3161 JOSEPH, VERDUN	40	62	45	59	-	52	0.1	0.2	0.0	0.1	-	0.1
50119R	699 CURE POIRIER	-	38	49	54	27	42	-	-	-	-	-	-
50120R	4TH. AVE. SOUTH, ROXBORO	-	-	-	-	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	46	25	30	66	27	39	0.1	0.0	0.0	0.1	0.0	0.0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-	-	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	40	32	36	35	17	32	-	-	-	-	-	-
50307C	PARC CARTIER BREBONUF	-	-	-	-	-	-	-	-	-	-	-	-
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	-	54	55	78	18	51	-	-	-	-	-	-
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	25	-	-	25	-	-	-	-	-	-	-	-
50503C	222 RACINE	18	26	49	26	21	28	-	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	16	25	-	11	23	19	-	-	-	-	-	-
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	10	17	55	13	12	21	-	-	-	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	65	86	43	60	23	55	-	-	-	-	-	-
50901R	ARVIDA, QUEBEC POWELL & HOOPES	43	37	83	289	43	99	-	-	-	-	-	-
51201I	SHAWINIGAM, QUEBEC FRIGON & LAVAL	34	30	-	87	-	50	-	-	-	-	-	-
51302R	BAIE COMEAU, QUEBEC 39 AVENUE MANCE	17	11	28	13	5	15	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	82	30	46	104	39	60	0.1	0.0	0.0	0.1	0.1	0.1
60104C	RIDEAU & WURTEMBERG	38	27	38	82	32	43	0.1	0.0	0.0	0.0	0.0	0.0
60202C	WINDSOR, ONT. CITY HALL	73	38	45	56	53	53	0.1	0.0	0.0	0.0	0.1	0.0
60203R	TECUMSEH WATER WORKS	55	31	29	37	56	42	0.0	0.0	0.0	0.0	0.0	0.0
60204C	471 UNIVERSITY AVENUE	74	-	65	72	63	69	0.1	-	0.0	0.0	0.1	0.1
60212I	WATER & WRIGHT AVE.	-	-	-	-	-	-	-	-	-	-	-	-
60403I	TORONTO, ONT. EVANS & ARNOLD	76	44	126	80	58	77	0.1	0.1	0.1	0.1	0.0	0.1
60410R	LAWRENCE & KENNEDY	62	48	41	-	31	46	0.1	0.0	0.0	-	0.1	0.1
60413R	ELMCREST ROAD	-	-	-	-	-	-	-	-	-	-	-	-
60415R	QUEENSWAY W & HURONTARIO	56	39	90	52	83	64	0.1	0.0	0.0	0.1	0.1	0.1
60417C	26 BREADALBANE STREET	66	48	52	55	53	55	0.1	0.0	0.0	0.0	0.0	0.0
60501C	HAMILTON, ONT. BARTON & SANFORD	70	70	53	56	54	61	0.1	0.0	0.1	0.1	0.1	0.1
60503I	CHATHAM & FRID	220	53	40	68	65	89	0.1	0.0	0.0	0.1	0.0	0.0
60511R	467 BEACH BLVD.	132	64	131	88	110	105	0.3	0.1	0.1	0.1	0.2	0.2

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

DECEMBER - DECEMBRE
1988

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN	*----- DAY / JOUR -----*					MEAN
		5	11	17	23	29	MOYENNE	5	11	17	23	29	MOYENNE
60602R	SUNBURY, ONT. ASH STREET	26	19	21	22	29	23	0.1	0.0	0.1	0.1	0.1	0.1
60605C	19 LISGAR STREET	27	23	26	25	22	25	0.1	0.0	0.1	0.1	0.1	0.1
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	55	29	31	-	-	38	0.0	0.0	0.0	-	-	0.0
60801C	THUNDER BAY, ONT. 14 ALCONA STREET	50	46	19	33	22	34	0.1	0.1	0.0	0.1	0.1	0.1
60807R	615 JAMES STREET SOUTH	55	41	20	16	24	31	0.2	0.0	0.0	0.0	0.0	0.0
60901C	LONDON, ONT. KING & RECTORY	67	25	28	47	36	41	0.1	0.0	0.0	0.0	0.0	0.0
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	29	49	34	23	38	35	0.0	0.0	0.0	0.0	0.0	0.0
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	-	-	-	-	-	-	-	-
61303C	ST. CATHARINES, ONT. 71 KING STREET	52	34	44	55	39	45	0.0	0.0	0.0	0.0	0.0	0.0
61501C	KITCHENER, ONT. EDNA & FREDERICK	49	155	50	53	30	67	0.0	0.1	0.1	0.0	0.0	0.0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	65	49	82	52	33	56	0.0	0.0	0.0	0.0	0.0	0.0
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	55	-	-	-	-	-	0.1	-	-	-	-	-
61802R	GUELPH, ONT. EXHIBITION PARK	29	37	31	31	27	31	0.0	0.0	0.0	0.0	0.0	0.0
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	19	45	42	19	17	28	0.0	0.0	0.0	0.0	0.0	0.0
70118R	JEFFERSON & SCOTIA	39	36	15	11	23	25	0.1	0.0	0.0	0.0	0.0	0.0
70119C	65 ELLEN STREET	40	88	19	15	25	37	0.1	0.0	0.0	0.0	0.0	0.0
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	11	-	13	14	-	13	0.0	-	0.0	0.0	-	0.0
80102R	REGINA, SASK. 3211 ALBERT STREET	24	14	-	-	-	-	0.1	0.0	-	-	-	-
80110C	2505 11TH AVENUE	31	16	16	16	17	19	0.2	0.1	0.1	0.1	0.1	0.1
80203R	SASKATOON, SASK. 30TH ST. & 833 P AVE.	32	12	21	17	12	19	0.1	0.0	0.0	0.1	0.0	0.1
80209C	IDYLWYLD DR. & 33RD ST.	39	13	23	13	14	20	0.1	0.0	0.1	0.1	0.0	0.1
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	54	-	62	27	34	44	0.2	-	0.1	0.0	0.1	0.1
90122R	127 ST. & 133 AVENUE	32	-	56	25	25	35	0.1	-	0.2	0.1	0.1	0.1
90130C	10255 - 104TH STREET	76	24	62	57	39	52	0.2	0.1	0.1	0.1	0.2	0.1
90204C	CALGARY, ALTA. 316-7TH AVENUE	290	169	83	99	91	146	0.3	0.2	0.1	0.2	0.1	0.2
90218I	BONNY BRK & 18A ST. S.E.	146	89	59	82	62	88	0.6	0.5	0.2	0.2	0.2	0.4
90222R	39 ST. & 29 AVE. N.W.	67	51	66	42	34	52	0.2	0.1	0.1	0.1	0.1	0.1
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 49TH STREET	17	39	19	43	41	32	0.0	0.1	0.0	0.1	0.1	0.1
99201C	INUVIK, N.W.T. D.I.A.N.D. RESEARCH LAB.	-	-	-	-	-	-	-	-	-	-	-	-
99301C	IQALUIT, N.W.T. BAY BLDG.	-	-	-	-	-	-	-	-	-	-	-	-
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	31	21	-	22	18	23	0.1	0.2	-	0.1	0.1	0.1
00104R	27TH & ONTARIO	20	17	-	14	15	17	0.2	0.2	-	0.1	0.1	0.2
00108I	250 WEST 70TH AVENUE	42	33	-	-	-	-	0.2	0.3	-	-	-	-
00109C	970 BURRARD	20	17	-	19	14	18	0.1	0.1	-	0.1	0.1	0.1
00110R	E. HASTINGS & KENSINGTON	13	13	-	-	10	12	0.1	0.1	-	-	0.1	0.1
00111I	ROCKY PT. PARK	26	-	57	14	22	30	0.2	-	0.5	0.1	0.2	0.3
00113I	ANNACIS ISLAND, DELTA	42	31	-	25	23	30	0.2	0.2	-	0.1	0.1	0.1
00114C	MUNICIPAL HALL, RICHMOND	-	43	-	30	21	31	-	0.3	-	0.2	0.1	0.2
00115R	NEWTON ELEM. SCH., SURREY	-	-	-	-	-	-	-	-	-	-	-	-
00116R	FIRE HALL, N. VANCOUVER	14	16	-	14	9	13	0.2	0.2	-	0.1	0.1	0.2
00117R	BCIT BURNABY	30	27	-	15	14	22	0.3	0.3	-	0.2	0.1	0.2
00118R	2550 WEST 10TH AVENUE	23	17	-	13	16	17	0.3	0.3	-	0.1	0.1	0.2
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	25	25	81	83	24	48	0.2	0.1	1.1	0.1	0.1	0.1
00303C	VICTORIA, B.C. 1250 QUADRA ST.	61	29	72	21	21	41	0.3	0.2	0.6	0.2	0.1	0.3

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

DECEMBER - DECEMBRE
1988

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	PARTICULATES / PARTICULES						LEAD / PLOMB					
		DAY / JOUR					MEAN MOYENNE	DAY / JOUR					MEAN MOYENNE
		5	11	17	23	29		5	11	17	23	29	
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	18	29	45	-	-	31	0.0	0.1	0.1	-	-	0.1
00701C	KELOWNA, B.C. 100 KLO RD.	33	10	44	13	17	23	0.0	0.0	0.0	0.0	0.0	0.0
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	59	11	54	20	49	39	0.4	0.0	0.3	0.1	0.2	0.2

COMBINATION OF SULPHUR DIOXIDE AND
SUSPENDED PARTICULATES
1000*(MICROGRAMS/CU.METRE)**2DECEMBER - DECEMBRE
1988DIOXYDE DE SOUFRE ET
PARTICULES EN ASSOCIATION
1000*(MICROGRAMMES/METRE CUBE)**2

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		5	11	17	23	29
10102C	ST. JOHN'S, Nfld. 354 WATER STREET	3	0	1	1	0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	0	0	0	0
30115I	HALIFAX, N.S. CFB SHEARWATER	0	-	2	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	0	1	0	1	0
30409R	GLACE BAY, N.S. SOUTH STREET	0	-	0	0	0
40203R	SAINT JOHN, N.B. FOREST HILLS	0	1	0	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	1	1	2	0	1
50103R	POINTE-AUX-TREMBLES	3	0	4	1	1
50104C	1125 ONTARIO EST	1	2	2	-	-
50109C	DUNCAN & DECARIE	1	1	2	0	3
50110C	PARC PILON, MTL.-NORD	-	-	-	-	-
50112C	BOUL. LAURENTIDES	0	1	2	-	-
50113R	PIE X & CARDINAL	0	0	2	-	-
50116R	3161 JOSEPH, VERDUN	1	-	2	0	-
50119R	699 CURE POIRIER	-	-	-	-	-
50120R	4TH. AVE. SOUTH, ROXBORO	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	1	0	1	1	1
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMCLOU	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	0	0	0	0	0
50307C	PARC CARTIER BREBOKUP	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	1	0	-	0	0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CRISILE	0	0	3	3	0
50901R	ARVIDA, QUEBEC POWELL & HOOPES	0	0	3	56	0
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	0	1	-	26	-
51302R	BAIE COMEAU, QUEBEC 39 AVENUE MANCE	4	2	9	3	1
60101C	OTTAWA, ONT. 88 SLATER ST.	1	0	1	2	1
60104C	RIDEAU & WURTEMBURG	0	0	1	0	0
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	5	-	2	6	3
60212I	WATER & WRIGHT AVE.	-	-	-	-	-
60403I	TORONTO, ONT. EVANS & ARNOLD	1	1	3	4	1
60410R	LAWRENCE & KENNEDY	2	0	1	-	0
60413R	ELMCREST ROAD	-	-	-	-	-
60415R	QUEENSWAY W & HURONTARIO	0	0	0	0	0
60417C	26 BREADALBANE STREET	1	0	1	1	0
60501C	HAMILTON, ONT. BARTON & SANFORD	2	2	1	2	1
60511R	467 BEACH BLVD.	9	0	8	1	6
60602R	SUDBURY, ONT. ASH STREET	0	0	1	0	1
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	1	0	0	-	-
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	3	1	2	2	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	0	0	0	0	0
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	-	-	-	-	-

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

DECEMBER - DECEMBRE
1988

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		5	11	17	23	29
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	0	0	0	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	1	0	1	2	1
61701R	OSHAWA, ONT. RITSOW RD. & OLIVE AVE.	2	-	-	-	-
61802R	GUELPH, ONT. EXHIBITION PARK	0	1	1	1	0
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	0	0	0	0
70119C	65 ELLEN STREET	0	0	0	0	1
80110C	REGINA, SASK. 2505 11TH. AVENUE	0	0	0	0	0
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	-	1	0	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	2	1	1	1	0
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	0	0	-	-	0
00111I	ROCKY PT. PARK	0	-	1	0	0
00118R	2550 WEST 10TH AVENUE	0	0	-	0	0
00303C	VICTORIA, B.C. 1250 QUADRA ST.	2	1	4	0	0
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	0	0	0	-	-

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

DECEMBER - DECEMBRE
1968

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	503
60403I	TORONTO, ONT. EVANS & ARNOLD	3.0	-
60501C	HAMILTON, ONT. BARTON & SANFORD	2.3	-
60502I	BURLINGTON & GAGE	6.4	-
60503I	CHATHAM & FRID	6.4	-
60507C	HUGHSON & HUNTER	1.5	-
60702R	SAULT STE. MARIE, ONT. ANNA MCREA PUBLIC SCHOOL	0.7	-
60703I	BAYVIEW & YOUNG	7.8	-
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	2.1	-
90125C	EDMONTON, ALTA. PRINS ELIZABETH & 108 ST	2.6	0.1 **
90126R	77 AVENUE & 85 STREET	3.7	0.0 **
90127I	115 AVENUE & 159 STREET	2.8	0.1 **
90128R	99 AVENUE & 160 STREET	1.9	0.0 **
90219C	CALGARY, ALTA. 620-7TH AVENUE, S.W.	-	- **
90221R	DALHOUSIE DR & DALHAM DR	-	- **
90223C	11 ST. & 38 AVE. S.E.	-	- **
90224I	OGDENDALE & 71 AVE S.E.	-	- **
90225R	PALLISER DR & OAKWOOD SW	-	- **
90226I	SHEPPARD & 84 AVE S.E.	-	- **

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