

National Air Pollution Surveillance

Surveillance nationale de la pollution atmosphérique

Monthly Summary

Extrait mensuel

Report EPS 7/AP/11-89
November 1989

Rapport SPE 7/AP/11-89
Novembre 1989



SULPHUR DIOXIDE
PARTS PER HUNDRED MILLIONNOVEMBER - NOVEMBRE
1989DIOXYDE 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	690	0.9	1	2	3	4	1	2	2	2
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	690	0.2	0	1	1	3	0	1	1	1
30115I	HALIFAX, N.S. CFB SHEARWATER	720	1.6	2	5	10	13	2	4	5	5
30117C	BEDFORD ROW POST OFFICE	0	---	-	-	-	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	684	0.2	0	1	2	3	0	1	1	1
30409R	GLACE BAY, N.S. SOUTH STREET	681	0.1	0	1	2	5	0	1	1	1
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-
40203R	FOREST HILLS	0	---	-	-	-	-	-	-	-	-
MONTREAL, QUEBEC											
50102R	JARDIN BOTANIQUE	691	0.8	1	2	4	6	1	2	2	2
50103R	POINTE-AUX-TREMBLES	714	1.4	2	5	8	13	2	3	4	5
50104C	1125 ONTARIO EST	717	0.7	1	2	3	5	1	2	2	2
50109C	DUNCAN & DECARIE	527	0.5	1	2	3	3	1	1	2	2
50110C	PARC PILON, MTL.-NORD	0	---	-	-	-	-	-	-	-	-
50112C	BOUL. LAURENTIDES	638	0.2	0	1	2	3	0	1	1	1
50113R	PIE X & CARDINAL	644	0.0	0	0	1	1	0	0	0	0
50115C	1001 BOUL MAISONNEUVE O.	715	1.1	2	3	3	4	2	2	3	3
50116R	3161 JOSEPH, VERDUN	701	0.3	0	2	3	4	0	1	2	2
50117R	7405 CHAMPAGNEUR	719	0.9	1	2	3	4	1	2	3	3
50118R	820 ST. GERMAIN	416	0.1	0	1	1	1	0	0	1	1
50119R	699 CURE POIRIER	668	0.2	0	1	4	9	0	1	3	3
50120R	4TH. AVE. SOUTH, ROXBORO	237	---	1	3	5	6	1	2	2	2
HULL, QUEBEC											
50203R	GAMELIN & JOFFRE	711	0.5	1	1	1	2	1	1	1	1
QUEBEC, QUEBEC											
50303I	CENTRE LOISIRS LIMOILLOU	0	---	-	-	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	0	---	-	-	-	-	-	-	-	-
50307C	PARC CARTIER BREBOEUF	598	0.4	1	2	3	7	1	1	1	1
50308I	600 RUE DES SABLES	0	---	-	-	-	-	-	-	-	-
ROUYN, QUEBEC											
50601C	HOTEL DE VILLE	472	0.2	0	0	5	25	0	2	2	2
TROIS-RIVIERES, QUEBEC											
50801R	HART & STE-CECILE	678	0.8	1	3	4	5	1	3	3	3
ARVIDA, QUEBEC											
50901R	POWELL & HOOPES	681	2.6	2	13	16	19	4	9	11	13
SHAWINIGAN, QUEBEC											
51201I	FRIGON & LAVAL	680	3.3	1	21	39	54	4	13	25	26
BAIE COMEAU, QUEBEC											
51302R	39 AVENUE MANCE	658	1.3	0	10	23	34	1	5	13	13
OTTAWA, ONT.											
60101C	88 SLATER ST.	710	0.3	0	1	1	2	0	1	1	1
60104C	RIDEAU & WURTEMBERG	717	0.1	0	0	1	7	0	0	1	1
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	702	0.7	1	3	3	4	1	2	2	2
60211R	COLLEGE & PRINCE	717	0.9	1	3	3	5	1	2	2	2
60212I	WATER & WRIGHT AVE.	715	0.8	1	2	3	4	1	2	2	2
TORONTO, ONT.											
60402R	DON MILLS, SCIENCE CNTR	720	0.3	0	1	2	5	0	1	1	1
60403I	EVANS & ARNOLD	719	1.0	1	2	3	9	1	1	2	2
60409R	REDLANDS CRESCENT	718	0.2	0	1	1	3	0	1	1	1
60410R	LAWRENCE & KENNEDY	720	0.6	1	2	4	7	1	2	2	2
60413R	ELMCREST ROAD	681	0.4	1	1	3	8	0	1	2	2
60415R	QUEENSWAY W & HURONTARIO	720	0.3	0	1	2	7	0	1	1	1
60417C	26 BREADALBANE STREET	718	0.6	1	2	4	9	1	1	2	2
HAMILTON, ONT.											
60501C	BARTON & SANFORD	717	0.6	1	2	4	8	1	1	2	2
60511R	467 BEACH BLVD.	716	1.7	2	4	6	7	2	3	4	4
60512C	BEASLEY PARK	718	0.6	1	2	3	4	1	1	2	2

--- 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 MILLIONNOVEMBER - NOVEMBRE
1989DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
	SUDSBURY, ONT.										
60602R	ASH STREET	716	0.6	0	3	7	15	1	2	2	3
60606C	KENNEDY STREET	656	0.5	0	3	6	18	1	2	2	2
60607R	SCIENCE CENTRE NORTH	719	0.5	0	3	7	16	1	2	2	2
	SAULT STE. MARIE, ONT.										
60707I	WM. MERRIFIELD SCHOOL	713	0.1	0	1	3	5	0	1	1	1
	THUNDER BAY, ONT.										
60807R	615 JAMES STREET SOUTH	715	0.0	0	0	0	1	0	0	0	0
	LONDON, ONT.										
60901C	KING & RECTORY	671	0.8	1	1	2	3	1	1	2	2
	SARNIA, ONT.										
61004R	FRONT ST. AT C.N. TRACKS	568	0.7	0	3	14	17	1	3	7	8
	PETERBOROUGH, ONT.										
61103C	500 GEORGE STREET	720	0.1	0	1	2	6	0	1	1	1
	CORNWALL, ONT.										
61201R	MEMORIAL PARK	719	0.7	0	4	7	52	1	3	6	6
	ST. CATHARINES, ONT.										
61302C	ARGYLE CRESCENT	712	0.4	1	1	2	4	1	1	1	2
	KITCHENER, ONT.										
61501C	EDNA & FREDERICK	715	0.1	0	1	2	2	0	1	1	1
	OAKVILLE, ONT.										
61602R	BRONTE AND WOBURN CRES.	720	0.8	1	3	4	5	1	2	3	3
	OSHAWA, ONT.										
61701R	RITSON RD. & OLIVE AVE.	720	0.4	1	1	2	3	1	1	1	1
	GUELPH, ONT.										
61802R	EXHIBITION PARK	698	0.5	1	1	2	2	1	1	1	1
	NORTH BAY, ONT.										
62001R	O.P.P. STATION	712	0.2	0	1	3	7	0	1	1	1
	WINNIPEG, MAN.										
70118R	JEFFERSON & SCOTIA	687	0.1	0	0	1	1	0	0	0	0
70119C	65 ELLEN STREET	585	0.1	0	1	1	2	0	0	0	0
	REGINA, SASK.										
80110C	2505 11TH. AVENUE	666	0.0	0	0	0	1	0	0	0	0
	SASKATOON, SASK.										
80209C	IDYLWYLD DR. & 33RD ST.	651	0.0	0	0	0	0	0	0	0	0
	EDMONTON, ALTA.										
90121I	17 STREET & 105 AVENUE	715	0.3	0	1	1	2	0	1	1	1
	CALGARY, ALTA.										
90218I	BONNY BRK & 18A ST. S.E.	718	0.4	1	1	2	3	1	1	1	1
	VANCOUVER, B.C.										
00110R	E. HASTINGS & KENSINGTON	691	0.8	1	2	5	17	1	2	4	4
00111I	ROCKY PT. PARK	697	0.4	0	1	3	5	0	1	1	1
00112C	ROBSON/HORNBY	685	0.7	1	2	2	3	1	1	1	1
00118R	2550 WEST 10TH AVENUE	651	0.5	1	2	2	3	1	1	1	1
	VICTORIA, B.C.										
00303C	1250 QUADRA ST.	0	---	-	-	-	-	-	-	-	-
	KAMLOOPS, B.C.										
00401C	301 SEYMOUR ST.	0	---	-	-	-	-	-	-	-	-

CARBON MONOXIDE
PARTS PER MILLIONNOVEMBER - NOVEMBRE
1989MONOXYDE 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
10102C	ST. JOHN'S, NFLD. 354 WATER STREET	0	---	-	-	-	-	-	-	-	-	-	-	-	-
30117C	HALIFAX, N.S. BEDFORD ROW POST OFFICE	720	0.7	1	2	2	4	1	1	2	2	1	1	1	1
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	693	***	0	1	2	3	0	1	2	2	0	1	1	1
50103R	POINTE-AUX-TREMBLES	713	1.0	1	7	10	10	1	5	8	10	1	4	6	6
50104C	1125 ONTARIO EST	717	0.9	1	2	3	6	1	2	3	4	1	2	2	2
50109C	DUNCAN & DECARIE	717	1.2	1	3	5	6	2	3	4	4	2	2	2	2
50110C	PARC PILON, MTL.-NORD	547	0.6	1	3	4	7	1	2	4	4	1	2	3	3
50112C	BOUL. LAURENTIDES	104	---	0	0	0	0	0	0	0	0	0	0	0	0
50113R	PIE X & CARDINAL	641	0.6	1	2	3	7	1	1	3	4	1	1	2	2
50115C	1001 BOUL MAISONNEUVE O.	551	1.3	2	3	5	7	2	3	4	4	2	2	2	2
50116R	3161 JOSEPH, VERDUN	570	1.1	1	3	5	8	2	3	4	6	1	3	3	4
50119R	699 CURE POIRIER	658	0.7	1	2	3	5	1	2	2	3	1	1	2	2
50120R	4TH, AVE. SOUTH, ROXBORO	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	712	0.7	1	2	3	6	1	1	2	3	1	1	2	2
50307C	QUEBEC, QUEBEC PARC CARTIER BREBOEUF	651	0.6	1	1	3	5	1	1	3	3	1	1	2	2
60101C	OTTAWA, ONT. 88 SLATER ST.	710	1.3	2	3	5	9	2	3	4	5	2	2	3	3
60104C	RIDEAU & WURTEMBERG	715	0.6	1	2	6	9	1	2	2	3	1	1	2	2
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	704	0.9	1	2	2	7	1	1	2	2	1	1	1	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	720	0.8	1	2	3	4	1	2	2	3	1	2	2	2
60403I	EVANS & ARNOLD	719	1.1	1	2	4	6	1	2	3	3	1	2	2	2
60410R	LAWRENCE & KENNEDY	720	1.1	1	3	4	6	1	2	3	3	1	2	2	2
60413R	ELMCREST ROAD	661	0.7	1	4	5	5	1	3	5	5	1	3	4	4
60415R	QUEENSWAY W & HURONTARIO	720	1.5	2	3	4	10	2	3	4	5	2	3	3	3
60416C	381 YONGE STREET	720	2.0	2	4	6	7	2	4	5	5	2	3	3	4
60417C	26 BREADALBANE STREET	720	0.8	1	2	2	4	1	2	2	2	1	1	2	2
60511R	HAMILTON, ONT. 467 BEACH BLVD.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60512C	BEASLEY PARK	720	0.9	1	2	3	4	1	1	2	3	1	1	2	2
60607R	SUDBURY, ONT. SCIENCE CENTRE NORTH	719	***	1	1	2	5	1	1	2	2	1	1	1	1
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	720	***	0	2	3	5	0	2	2	3	0	1	1	1
60901C	LONDON, ONT. KING & RECTORY	716	1.0	1	2	3	4	1	2	2	3	1	1	2	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	566	***	0	1	1	2	0	0	1	1	0	0	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	718	0.6	1	1	2	6	1	1	2	2	1	1	2	2
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	716	0.5	1	2	3	4	1	1	2	3	1	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	715	1.0	1	2	4	4	1	2	3	3	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	719	0.9	1	1	3	4	1	1	2	2	1	1	2	2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	720	0.9	1	2	5	7	1	2	3	3	1	2	2	2
62001R	NORTH BAY, ONT. O.P.P. STATION	714	1.1	1	2	2	4	1	2	2	2	1	1	2	2
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	689	***	1	1	2	5	1	1	1	2	1	1	1	1
70119C	65 ELLEN STREET	653	0.8	1	2	3	5	1	2	2	2	1	1	2	2

*** CALCULATED MEANS ARE BELOW 500 PARTS PER BILLION.
LES MOYENNES SONT INFERIEURES A 500 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 MILLIONNOVEMBER - NOVEMBRE
1989MONOXYDE DE CARBONE
PARTIES PAR MILLION

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS -				CENTILES - DISTRIBUTIONS DES FREQUENCES				MEANS ----- MOYENNES			
				INTERVALS - INTERVALLES				8-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX	70	95	99	MAX
80110C	REGINA, SASK. 2505 11TH AVENUE	710	1.2	1	2	3	4	2	2	2	3	1	2	2	2
80203C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	676	0.7	1	2	2	3	1	2	2	2	1	1	2	2
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	717	0.7	1	2	3	4	1	2	2	2	1	1	1	1
90122R	127 ST. & 133 AVENUE	716	1.4	1	4	6	9	2	3	4	4	2	2	3	3
90130C	10255 - 104TH STREET	720	2.9	3	5	8	12	3	5	6	7	3	4	5	5
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	715	0.8	1	2	5	9	1	2	3	4	1	2	2	2
90227C	611-4TH STREET S.W.	710	1.7	2	5	8	11	2	4	6	6	2	3	3	3
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	670	1.6	2	6	9	12	2	5	6	9	2	4	5	6
00110R	E. HASTINGS & KENSINGTON	701	1.0	1	2	3	4	1	2	3	3	1	1	3	3
00111I	ROCKY PT. PARK	620	1.3	2	4	6	6	2	3	4	6	1	3	4	4
00112C	ROBSON/HORNBY	685	2.5	3	5	7	8	3	5	6	7	3	4	5	5
00118R	2550 WEST 10TH AVENUE	513	1.6	2	5	8	10	2	4	5	7	2	3	4	4
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	638	1.5	2	5	7	8	2	4	6	6	2	3	3	3

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLIONNOVEMBER - NOVEMBRE
1989DIOXYDE 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.	720	***	1	1	2	3	1	1	1	1
30117C	CFB SHEARWATER	720	2.0	3	4	4	6	2	3	3	3
40202C	SAINT JOHN, N.B.	0	---	-	-	-	-	-	-	-	-
40203R	POST OFFICE	0	---	-	-	-	-	-	-	-	-
	FOREST HILLS										
50102R	MONTREAL, QUEBEC	591	2.5	3	5	6	7	3	5	5	5
50104C	JARDIN BOTANIQUE	717	2.2	3	4	5	7	3	3	3	3
50109C	'25 ONTARIO EST	530	2.3	3	4	5	5	3	3	3	3
50110C	DUNCAN & DECARIE	481	1.4	2	5	7	9	2	4	5	6
50112C	PARC PILON, MTL.-NORD	436	2.0	3	4	5	7	2	4	4	4
50113R	BOUL. LAURENTIDES	446	1.2	2	3	4	4	2	2	2	2
50115C	PIE X & CARDINAL	715	3.5	4	5	6	9	4	4	5	5
50116R	1001 BOUL MAISONNEUVE O.	506	1.6	2	3	4	8	2	3	4	4
50119R	3161 JOSEPH, VERDUN	654	2.3	3	4	4	6	3	3	3	3
50120R	699 CURE POIRIER	711	1.7	2	5	6	9	2	3	5	5
	4TH. AVE. SCUTH, ROXBORO										
50203R	HULL, QUEBEC	720	1.4	2	3	4	6	2	3	3	3
	GAMELIN & JOFFRE										
50307C	QUEBEC, QUEBEC	625	3.3	4	5	6	6	3	5	5	5
	PARC CARTIER BREBOEUF										
60101C	OTTAWA, ONT.	718	2.5	3	4	5	6	3	4	4	4
60104C	88 SLATER ST.	720	1.6	2	3	4	5	2	3	3	3
	RIDEAU & WURTEMBERG										
60204C	WINDSOR, ONT.	704	2.1	3	4	4	6	2	3	3	3
	471 UNIVERSITY AVENUE										
60402R	TORONTO, ONT.	720	2.5	3	4	5	6	3	4	4	4
60403I	DON MILLS, SCIENCE CNTR	720	2.9	3	5	6	7	3	4	5	5
60410R	EVANS & ARNOLD	720	2.7	3	5	6	7	3	4	5	5
60413R	LAWRENCE & KENNEDY	672	2.3	3	4	5	6	3	3	4	4
60415R	ELMCREST ROAD	720	2.4	3	4	6	9	3	4	4	4
60417C	QUEENSWAY W & HURONTARIO	718	2.2	3	4	5	5	3	3	4	4
	26 BREADALBANE STREET										
60511R	HAMILTON, ONT.	715	2.1	3	3	4	5	2	3	3	3
60512C	467 BEACH BLVD.	718	2.1	2	4	4	5	2	3	4	4
	BEASLEY PARK										
60607R	SUDBURY, ONT.	719	***	1	3	4	5	1	2	2	2
	SCIENCE CENTRE NORTH										
60707I	SAULT STE. MARIE, ONT.	713	1.2	2	3	3	3	2	2	2	3
	WM. MERRIFIELD SCHOOL										
60807R	THUNDER BAY, ONT.	717	1.2	1	3	4	4	2	2	2	2
	615 JAMES STREET SOUTH										
60901C	LONDON, ONT.	716	1.8	2	3	4	5	2	3	3	3
	KING & RECTORY										
61004R	SARNIA, ONT.	569	1.6	2	3	4	5	2	3	3	3
	FRONT ST. AT C.N. TRACKS										
61201R	CORNWALL, ONT.	720	***	1	2	3	4	1	2	2	2
	MEMORIAL PARK										
61302C	ST. CATHARINES, ONT.	714	1.8	2	3	4	5	2	3	3	3
	ARGYLE CRESCENT										
61501C	KITCHENER, ONT.	715	2.0	2	4	4	5	2	3	3	4
	EDNA & FREDERICK										
61602R	OAKVILLE, ONT.	720	***	1	2	2	4	1	1	1	2
	BRONTE AND WCBURN CRES.										
61701R	OSHAWA, ONT.	720	2.1	3	4	6	6	3	3	4	4
	RITSON RD. & OLIVE AVE.										
62001R	NORTH BAY, ONT.	714	***	1	2	3	4	1	2	2	2
	O.P.P. STATION										
70118R	WINNIPEG, MAN.	688	1.4	2	3	4	5	2	2	3	3
70119C	JEFFERSON & SCOTIA	656	1.8	2	3	4	4	2	3	3	3
	65 ELLEN STREET										

*** 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

NOVEMBER - NOVEMBRE
1989

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
80110C	REGINA, SASK. 2505 11TH. AVENUE	377	1.8	2	3	4	4	2	3	3	3
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	683	1.3	2	2	2	9	2	2	2	2
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	695	2.9	4	5	7	7	3	4	5	5
90130C	10255 - 104TH STREET	720	2.0	2	3	4	4	2	3	3	3
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	713	2.2	3	4	5	6	3	3	4	4
90227C	611-4TH STREET S.W.	708	3.6	4	5	6	9	4	4	5	5
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	471	2.7	3	4	6	7	3	4	4	4
00110R	E. HASTINGS & KENSINGTON	700	2.1	3	4	5	8	2	3	4	4
00111I	ROCKY PT. PARK	699	2.1	2	3	5	7	2	3	3	3
00112C	ROBSON/HORNBY	682	2.6	3	4	5	7	3	3	3	4
00118R	2550 WEST 10TH AVENUE	456	2.6	3	4	5	6	3	3	3	4
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	713	2.6	3	6	18	29	3	5	11	12

OZONE
PARTS PER HUNDRED MILLIONNOVEMBER - NOVEMBRE
1989OZONE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNÉES 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
10102C	ST. JOHN'S, NFLD. 354 WATER STREET	690	1.8	2	3	4	4	2	3	3	3
30115I	HALIFAX, N.S.	600	3.0	4	5	6	6	3	4	5	5
30117C	CFB SHEARWATER BEDFORD ROW POST OFFICE	718	1.3	2	3	4	7	2	3	3	3
30501R	KEJIMIKUJIK, N.S. NATIONAL PARK	0	---	-	-	-	-	-	-	-	-
30601R	FALL RIVER, N.S. 123 OAKES ROAD	0	---	-	-	-	-	-	-	-	-
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-
40203R	FOREST HILLS	0	---	-	-	-	-	-	-	-	-
MONTREAL, QUEBEC											
50102R	JARDIN BOTANIQUE	691	0.9	1	2	3	4	1	2	2	2
50103R	POINTE-AUX-TREMBLES	711	0.8	1	2	3	3	1	2	2	2
50104C	1125 ONTARIO EST	715	0.8	1	2	3	3	1	2	2	2
50109C	DUNCAN & DECARIE	717	***	1	2	3	4	1	1	2	2
50110C	PARC PILON, MTL.-NORD	670	1.2	2	3	3	3	2	2	3	3
50112C	BOUL. LAURENTIDES	516	1.2	2	3	3	3	2	2	3	3
50113R	PIE X & CARDINAL	469	1.0	2	2	3	3	1	2	2	2
50115C	1001 BOUL MAISONNEUVE O.	716	***	0	1	2	2	0	1	1	1
50116R	3161 JOSEPH, VERDUN	620	1.1	2	3	3	4	1	2	2	3
50119R	699 CURE POIRIER	660	1.2	2	3	3	4	2	2	2	2
50120R	4TH. AVE. SOUTH, ROXBORO	688	***	1	1	2	2	1	1	2	2
QUEBEC, QUEBEC											
50306R	2026 BLVD. ST-CYRILLE	293	---	2	3	3	3	2	3	3	3
50307C	PARC CARTIER BREBOEUF	624	1.0	2	2	3	3	1	2	2	2
51401R	ST. ETIENNE, QUEBEC 135 DUPUIS	0	---	-	-	-	-	-	-	-	-
OTTAWA, ONT.											
60101C	88 SLATER ST.	706	0.6	1	2	2	2	1	1	1	1
60104C	RIDEAU & WURTEMBERG	719	1.2	2	3	3	3	2	2	3	3
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	140	---	2	4	7	8	3	4	4	4
TORONTO, ONT.											
60402R	DON MILLS, SCIENCE CNTR	720	1.0	1	2	3	3	1	2	2	2
60403I	EVANS & ARNOLD	720	0.8	1	2	3	4	1	2	2	2
60410R	LAWRENCE & KENNEDY	720	0.9	1	2	3	3	1	2	2	2
60413R	ELMCREST ROAD	602	0.8	1	3	6	7	1	2	5	5
60415R	QUEENSWAY W & HURONTARIO	720	1.1	2	2	3	4	1	2	2	2
60417C	26 BREADALBANE STREET	718	0.8	1	2	3	4	1	2	2	2
HAMILTON, ONT.											
60512C	BEASLEY PARK	717	1.0	1	3	4	4	1	2	3	3
SUDBURY, ONT.											
60607R	SCIENCE CENTRE NORTH	719	2.1	3	3	3	3	2	3	3	3
SAULT STE. MARIE, ONT.											
60707I	WM. HERRIFIELD SCHOOL	713	1.2	2	3	3	3	2	2	2	2
THUNDER BAY, ONT.											
60807R	615 JAMES STREET SOUTH	718	1.2	2	3	3	3	2	2	3	3
LONDON, ONT.											
60901C	KING & RECTORY	716	1.4	2	3	4	5	2	2	3	4
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	567	1.7	2	3	3	4	2	3	3	3
CORNWALL, ONT.											
61201R	MEMORIAL PARK	719	1.4	2	3	3	4	2	2	3	3
ST. CATHARINES, ONT.											
61302C	ARGYLE CRESCENT	714	1.5	2	3	4	4	2	3	3	4
KITCHENER, ONT.											
61501C	EDNA & FREDERICK	715	1.5	2	3	5	5	2	3	4	4
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	720	1.1	2	3	4	5	2	3	3	3

*** 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 MILLION		NOVEMBER - NOVEMBRE 1989		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		
6170'R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	720	1.3	2	3	4	4	2	2	3	3		
61802R	GUELPH, ONT. EXHIBITION PARK	698	1.3	2	3	4	5	2	2	3	3		
6200'R	NORTH BAY, ONT. O.P.P. STATION	714	2.2	3	3	4	4	3	3	3	3		
70113R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	---	-	-	-	-	-	-	-	-		
70113C	65 ELLEN STREET	672	0.7	1	2	2	3	1	1	2	2		
80110C	REGINA, SASK. 2505 11TH. AVENUE	669	0.9	1	2	3	3	1	2	2	2		
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	359	---	2	3	3	3	2	2	2	2		
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	715	0.9	1	3	3	4	1	2	2	2		
90130C	10255 - 104TH STREET	720	0.8	1	2	3	4	1	2	2	2		
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	716	1.7	3	4	4	4	2	3	3	3		
90227C	611-4TH STREET S.W.	713	0.8	1	2	3	4	1	2	2	2		
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	671	0.6	1	2	3	3	1	1	2	2		
00110R	E. HASTINGS & KENSINGTON	706	0.7	1	2	3	3	1	2	2	2		
00111I	ROCKY PT. PARK	698	***	1	2	3	3	1	1	2	2		
00112C	ROBSON/HORNBY	681	***	0	1	1	2	0	1	1	1		
00118R	2550 WEST 10TH AVENUE	599	0.6	1	3	3	3	1	2	2	2		
00303C	VICTORIA, B.C. 1250 QUADRA ST.	0	---	-	-	-	-	-	-	-	-		
00701C	KELOWNA, B.C. 100 KLO RD.	0	---	-	-	-	-	-	-	-	-		

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

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

SOILING INDEX
 COH UNITS PER 1000 LINEAR FT.

 NOVEMBER - NOVEMBRE
 1989

INDICE DE SOUILLURE
 UNITES COH PAR 1000 PIEDS LINEAIRES

STATION	LOCATION	NUMBER OF SAMPLES NOMBRE DE DONNEES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS				DISTRIBUTIONS DES FREQUENCES			
	EMPLACEMENT			INTERVALS - INTERVALLES				MEANS ----- MOYENNES			
				2-HOUR / HEURES				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
MONTREAL, QUEBEC											
50109C	DUNCAN & DECARIE	333	0.32	0.4	0.9	1.2	1.6	0.4	0.6	0.6	0.7
50110C	PARC PILON, MTL.-NORD	149	----	0.1	0.3	0.4	0.5	0.1	0.2	0.2	0.2
50115C	1001 BOUL MAISONNEUVE D.	355	0.31	0.4	0.8	1.2	1.5	0.4	0.6	0.7	0.7
50116R	3161 JOSEPH, VERDUN	329	0.12	0.2	0.4	0.7	1.3	0.2	0.3	0.4	0.4
50120R	4TH. AVE. SOUTH, ROXBORO	267	0.16	0.2	0.6	1.6	3.7	0.2	0.7	1.1	1.1
OTTAWA, ONT.											
60104C	RIDEAU & WURTEMBERG	719	(1) 0.42	0.5	1.0	1.5	1.9	0.5	0.7	1.0	1.1
WINDSOR, ONT.											
60204C	471 UNIVERSITY AVENUE	706	(1) 0.38	0.5	0.8	1.2	1.4	0.5	0.6	0.7	0.7
60211R	COLLEGE & PRINCE	717	(1) 0.36	0.4	0.8	1.3	2.2	0.4	0.6	0.7	0.7
TORONTO, ONT.											
60403I	EVANS & ARNOLD	718	(1) 0.53	0.6	1.2	2.1	2.3	0.6	0.9	1.1	1.1
60410R	LAWRENCE & KENNEDY	720	(1) 0.40	0.4	1.0	1.4	1.8	0.4	0.7	0.8	0.8
60417C	26 BREADALBANE STREET	718	(1) 0.29	0.3	0.7	1.0	1.2	0.3	0.6	0.7	0.7
HAMILTON, ONT.											
60501C	BARTON & SANFORD	720	(1) 0.46	0.5	1.0	1.8	2.2	0.5	0.8	1.1	1.1
60511R	467 BEACH BLVD.	707	(1) 0.58	0.7	1.2	1.4	1.5	0.7	0.9	1.0	1.0
60512C	BEASLEY PARK	720	(1) 0.39	0.4	0.9	1.4	2.2	0.5	0.7	1.1	1.2
SUDBURY, ONT.											
60607R	SCIENCE CENTRE NORTH	719	(1) 0.13	0.1	0.3	0.5	1.0	0.1	0.3	0.3	0.3
SAULT STE. MARIE, ONT.											
60707I	WM. MERRIFIELD SCHOOL	508	(1) 0.24	0.3	0.8	1.4	1.9	0.3	0.6	0.8	0.8
THUNDER BAY, ONT.											
60811R	615 JAMES STREET SOUTH	717	(1) ****	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.1
LONDON, ONT.											
60901C	KING & RECTORY	716	(1) 0.28	0.3	0.6	1.0	1.1	0.3	0.5	0.7	0.7
SARNIA, ONT.											
61004R	FRONT ST. AT C.N. TRACKS	548	(1) 0.19	0.3	0.4	0.6	0.8	0.3	0.4	0.5	0.5
CORNWALL, ONT.											
61201R	MEMORIAL PARK	719	(1) 0.20	0.2	0.5	1.0	1.5	0.2	0.5	0.5	0.6
ST. CATHARINES, ONT.											
61302C	ARGYLE CRESCENT	701	(1) 0.28	0.3	0.7	1.1	1.5	0.3	0.5	0.6	0.7
OAKVILLE, ONT.											
61602R	BRONTE AND WOBURN CRES.	714	(1) 0.57	0.7	1.2	2.1	3.3	0.7	1.0	1.1	1.1
OSHAWA, ONT.											
61701R	RITSON RD. & OLIVE AVE.	717	(1) 0.35	0.4	1.0	1.7	2.2	0.4	0.7	1.0	1.0
GUELPH, ONT.											
61802R	EXHIBITION PARK	715	(1) 0.22	0.3	0.5	0.8	1.1	0.3	0.4	0.5	0.5
NORTH BAY, ONT.											
62001R	O.P.P. STATION	594	(1) 0.14	0.1	0.5	0.8	0.9	0.2	0.3	0.4	0.5
WINNIPEG, MAN.											
70118R	JEFFERSON & SCOTIA	536	(1) ****	0.0	0.1	0.3	0.6	0.0	0.1	0.1	0.1
70119C	65 ELLEN STREET	683	(1) 0.17	0.2	0.4	0.5	0.7	0.2	0.3	0.3	0.3
EDMONTON, ALTA.											
90122R	127 ST. & 133 AVENUE	720	(1) 0.29	0.3	0.9	1.4	1.5	0.3	0.6	0.7	0.7
90130C	10255 - 104TH STREET	720	(1) 0.26	0.3	0.6	1.1	1.5	0.3	0.4	0.4	0.5
CALGARY, ALTA.											
90218I	BONNY BRK & 18A ST. S.E.	720	(1) 0.45	0.5	1.4	2.4	4.2	0.5	0.9	1.2	1.2
90222R	39 ST. & 29 AVE. N.W.	720	(1) ****	0.1	0.3	0.5	0.6	0.1	0.2	0.3	0.3
90227C	611-4TH STREET S.W.	717	(1) 0.28	0.3	0.8	1.2	1.4	0.3	0.5	0.6	0.7
VANCOUVER, B.C.											
00102R	100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	0	----	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	679	(1) 0.35	0.4	0.9	1.3	1.7	0.4	0.5	1.1	1.2
00111I	ROCKY PT. PARK	711	(1) 0.53	0.6	1.3	1.9	2.5	0.5	0.9	1.5	1.6
00112C	ROBSON/HORNBY	687	(1) 0.53	0.7	1.0	1.4	1.4	0.6	0.8	0.9	1.0
00118R	2550 WEST 10TH AVENUE	0	----	-	-	-	-	-	-	-	-

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

 **** CALCULATED MEANS ARE BELOW 0.1
 LES MOYENNES SONT INFERIEURES A 0.1

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

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

NOVEMBER - NOVEMBRE
1989

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	PARTICULATES / PARTICULES					MEAN MOYENNE	LEAD / PLOMB					MEAN MOYENNE
		6	12	18	24	30		6	12	18	24	30	
00102C	ST. JOHN'S, Nfld. 354 WATER STREET	34	26	49	29	48	37	0.0	0.0	0.0	0.0	0.0	0.0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	23	16	27	16	-	21	0.0	0.0	0.0	0.0	-	0.0
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	-	-	-	47	62	-	-	-	-	0.0	0.0	-
30102R	DALHOUSIE UNIVERSITY	-	26	28	22	-	25	-	0.0	0.0	0.0	-	0.0
30105I	CFB SHEARWATER	-	-	-	-	-	-	-	-	-	-	-	-
30302C	SYDNEY, N.S. COUNTY JAIL	53	19	46	16	32	33	0.2	0.0	0.0	0.0	0.0	0.0
30301R	WHITNEY PIER FIRE STN.	39	25	39	30	64	39	0.1	0.0	0.0	0.0	0.0	0.0
30409R	GLACE BAY, N.S. SOUTH STREET	23	30	23	3	32	22	0.0	0.0	0.0	0.0	0.0	0.0
40102C	FREDERICTON, N.B. YORK STREET	31	11	30	24	13	22	0.0	0.0	0.0	0.0	0.0	0.0
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	40	21	34	19	39	31	0.2	0.0	0.0	0.0	0.0	0.0
40203R	FOREST HILLS	22	27	23	20	28	24	0.0	0.0	0.0	0.0	0.0	0.0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	20	34	23	28	26	-	0.1	0.0	0.0	0.0	0.0
50103R	POINTE-AUX-TREMBLES	26	36	33	55	53	41	0.0	0.0	0.0	0.1	0.0	0.0
50104C	1125 ONTARIO EST	32	-	47	53	49	45	0.0	-	0.1	0.1	0.1	0.1
50109C	DUNCAN & DECARIE	38	26	-	-	45	36	0.0	0.1	-	-	0.1	0.1
50110C	PARC PILON, MTL.-NORD	28	17	-	75	61	45	0.0	0.0	-	0.1	0.1	0.0
50112C	BOUL. LAURENTIDES	16	10	12	26	19	17	0.0	0.0	0.0	0.0	0.0	0.0
50113R	PIE X & CARDINAL	18	13	19	25	22	19	0.0	0.0	0.0	0.0	0.0	0.0
50116R	3161 JOSEPH, VERDUN	28	20	29	48	35	32	0.0	0.0	0.0	0.0	0.1	0.0
50119R	699 CURE POIRIER	18	13	-	-	24	18	0.0	0.0	-	-	0.0	0.0
50120R	4TH. AVE. SOUTH, ROXBORO	29	14	24	-	26	23	0.0	0.0	0.0	-	0.0	0.0
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	18	11	16	53	19	23	0.1	0.0	0.0	0.0	0.0	0.0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-	-	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	17	10	23	-	34	21	0.0	0.0	0.0	-	0.0	0.0
50307C	PARC CARTIER BREBOEUF	-	-	-	-	-	-	-	-	-	-	-	-
50308I	600 RUE DES SABLES	47	34	44	56	-	45	-	-	-	-	-	-
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	34	16	35	37	26	30	0.0	0.0	0.0	0.0	0.0	0.0
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	12	10	19	14	10	13	0.0	0.0	0.0	0.0	0.0	0.0
50503C	220 RACINE	24	18	26	29	17	23	0.0	0.0	0.0	0.0	0.0	0.0
50601C	ROUYN, QUEBEC HOTEL DE VILLE	24	13	16	11	-	16	0.0	0.0	0.0	0.0	-	0.0
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	25	12	42	22	38	28	0.0	0.0	0.0	0.0	0.0	0.0
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	21	19	31	37	28	27	0.0	0.0	0.0	0.0	0.1	0.0
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	19	37	32	41	32	-	0.0	0.0	0.0	0.0	0.0
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	57	55	23	39	47	44	0.0	0.0	0.0	0.1	0.0	0.0
51302R	BAIE COMEAU, QUEBEC 39 AVENUE MANCE	14	9	12	28	14	15	0.0	0.0	0.0	0.0	0.0	0.0
60101C	OTTAWA, ONT. 88 SLATER ST.	43	18	37	88	70	51	0.0	0.0	0.0	0.1	0.0	0.0
60104C	RIDEAU & WURTEMBERG	19	10	18	42	21	22	0.0	0.0	0.0	0.0	0.0	0.0
60202C	WINDSOR, ONT. CITY HALL	42	37	50	58	42	46	0.0	0.0	0.0	0.0	0.0	0.0
60203R	TECUMSEH WATER WORKS	37	30	33	57	32	38	0.0	0.1	0.0	0.1	0.0	0.0
60204C	471 UNIVERSITY AVENUE	46	35	59	47	46	47	0.0	0.0	0.0	0.0	0.0	0.0
60212I	WATER & WRIGHT AVE.	49	45	55	46	60	51	-	-	-	-	-	-
60403I	TORONTO, ONT. EVANS & ARNOLD	-	-	-	-	-	-	-	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	-	-	-	-	-	-	-	-	-	-	-	-
60413R	ELMCREST ROAD	-	-	-	-	-	-	-	-	-	-	-	-
60415R	QUEENSWAY W & HURONTARIO	-	-	-	-	-	-	-	-	-	-	-	-
60417C	26 BREADALBANE STREET	-	-	-	-	-	-	-	-	-	-	-	-
60501C	HAMILTON, ONT. BARTON & SANFORD	45	32	43	79	47	49	0.1	0.0	0.0	0.1	0.0	0.1
60503I	CHATHAM & FRID	54	-	45	178	94	93	0.0	-	0.0	0.1	0.0	0.0
60511R	467 BEACH BLVD.	81	46	102	152	74	91	0.1	0.1	0.1	0.1	0.1	0.1

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

NOVEMBER - NOVEMBRE
1989

PLOMB ET PARTICULES EN SUSPENSION
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN MOYENNE	*----- DAY / JOUR -----*					MEAN MOYENNE
		6	12	18	24	30		6	12	18	24	30	
60512C	BEASLEY PARK	64	28	37	103	51	57	-	-	-	-	-	-
	SUDBURY, ONT.												
60602R	ASH STREET	15	21	12	22	11	16	0.0	0.0	0.0	0.0	0.0	0.0
60605C	'9 LISGAR STREET	30	18	29	-	22	25	0.0	0.0	0.0	-	0.0	0.0
	SAULT STE. MARIE, ONT.												
60701C	WM. MERRIFIELD SCHOOL	12	22	13	22	17	17	0.0	0.0	0.0	0.0	0.0	0.0
	THUNDER BAY, ONT.												
60801C	'4 ALGOMA STREET	20	-	20	39	18	24	0.0	-	0.0	0.0	0.0	0.0
60802R	6'5 JAMES STREET SOUTH	24	27	21	64	24	32	0.0	0.0	0.0	0.1	0.0	0.0
	LONDON, ONT.												
60901C	KING & RECTORY	35	28	34	83	36	43	0.0	0.0	0.0	0.0	0.0	0.0
	SARNIA, ONT.												
61004R	FRONT ST. AT C.N. TRACKS	28	17	11	29	26	22	0.0	0.0	0.0	0.0	0.0	0.0
	ST. CATHARINES, ONT.												
61303C	71 KING STREET	32	18	27	62	-	35	0.0	0.0	0.0	0.0	-	0.0
	KITCHENER, ONT.												
61501C	EDNA & FREDERICK	34	27	47	64	33	41	0.0	0.0	0.0	0.0	0.0	0.0
	OAKVILLE, ONT.												
61602R	BRONTE AND WOBURN CRES.	-	-	-	-	-	-	-	-	-	-	-	-
	OSHAWA, ONT.												
61701R	RITSON RD. & OLIVE AVE.	-	-	-	-	-	-	-	-	-	-	-	-
	GUELPH, ONT.												
61802R	EXHIBITION PARK	23	12	21	41	28	25	0.0	0.0	0.0	0.0	0.0	0.0
	NORTH BAY, ONT.												
62001R	O.P.P. STATION	-	9	9	28	18	16	-	0.0	0.0	0.0	0.0	0.0
	WINNIPEG, MAN.												
70102R	PORTAGE & WOODLAWN	15	20	25	41	56	31	0.0	0.0	0.0	0.0	0.0	0.0
70118R	JEFFERSON & SCOTIA	17	19	26	33	31	25	0.0	0.0	0.0	0.0	0.0	0.0
70119C	65 ELLEN STREET	23	0	68	35	48	35	0.0	-	0.0	0.0	0.1	0.0
	BRANDON, MAN.												
70201C	11TH ST. & PRINCESS AVE.	20	18	21	28	-	22	0.0	0.0	0.0	0.0	-	0.0
	REGINA, SASK.												
80102R	3211 ALBERT STREET	33	10	17	15	15	18	0.0	0.0	0.0	0.0	0.0	0.0
80110C	2505 11TH AVENUE	101	18	19	16	16	34	0.1	0.0	0.0	0.0	0.0	0.1
	SASKATOON, SASK.												
80203R	30TH ST. & 833 P AVE.	36	23	14	22	19	23	0.1	0.1	0.0	0.0	0.0	0.1
80209C	IDYLWYLD DR. & 33RD ST.	42	19	17	23	18	24	0.0	0.0	0.0	0.0	0.0	0.0
	EDMONTON, ALTA.												
90121I	17 STREET & 105 AVENUE	48	21	20	35	70	39	0.1	0.1	0.2	0.2	0.2	0.1
90122R	127 ST. & 133 AVENUE	48	46	34	34	66	46	0.2	0.2	0.4	0.4	0.3	0.3
90130C	10255 - 104TH STREET	56	34	25	30	166	62	0.2	0.2	0.2	0.4	0.4	0.3
	CALGARY, ALTA.												
90204C	316-7TH AVENUE	104	39	63	72	48	65	0.3	0.1	0.3	0.4	0.1	0.2
90218I	BONNY BRK & 18A ST. S.E.	95	60	93	105	82	87	0.6	0.2	0.7	0.6	0.4	0.5
90222R	39 ST. & 29 AVE. N.W.	33	26	22	36	48	33	0.2	0.1	0.1	0.3	0.1	0.2
	YELLOWKNIFE, N.W.T.												
99001C	50TH AVE. & 49TH STREET	16	16	28	70	31	32	0.0	0.0	0.0	0.0	0.2	0.1
	INUVIK, N.W.T.												
99201C	D.I.A.N.D. RESEARCH LAB.	-	-	-	-	-	-	-	-	-	-	-	-
	IQALUIT, N.W.T.												
99301C	BAY BLDG.	-	-	-	-	-	-	-	-	-	-	-	-
	VANCOUVER, B.C.												
00102R	100 RICHMOND STREET	17	28	20	22	124	42	0.1	0.0	0.0	0.1	0.3	0.1
00104R	27TH & ONTARIO	-	-	-	-	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	21	27	-	-	-	-	0.1	0.2	-	-	-	-
00109C	970 BURRARD	24	27	31	25	78	37	0.1	0.1	0.2	0.1	0.3	0.1
00110R	E. HASTINGS & KENSINGTON	28	21	32	20	61	32	0.1	0.1	0.1	0.1	0.0	0.1
00111I	ROCKY PT. PARK	24	32	17	57	93	45	0.1	0.1	0.1	0.1	0.3	0.1
00113I	ANNACIS ISLAND, DELTA	18	25	25	20	135	45	0.0	0.0	0.1	0.1	0.3	0.1
00114C	MUNICIPAL HALL, RICHMOND	17	24	37	18	93	38	0.0	0.1	0.1	0.1	0.4	0.2
00115R	NEWTON ELEM. SCH., SURREY	17	32	24	20	93	37	0.0	0.1	0.0	0.1	0.6	0.2
00116R	FIRE HALL, N. VANCOUVER	20	26	18	21	56	28	0.1	0.1	0.2	0.1	0.2	0.1
00117R	BCIT BURNABY	16	22	20	16	81	31	0.1	0.1	0.1	0.0	0.5	0.2
00118R	2550 WEST 10TH AVENUE	13	-	26	16	64	30	0.1	-	0.1	0.1	0.5	0.2
	PRINCE GEORGE, B.C.												
00202C	1011 4TH AVENUE	33	76	20	-	68	49	0.0	0.1	0.0	-	0.1	0.0
	VICTORIA, B.C.												
00303C	1250 QUADRA ST.	22	20	24	16	47	26	0.0	0.0	0.1	0.1	0.2	0.1

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

NOVEMBER - NOVEMBRE
1989

PLOMB ET PARTICULES EN SUSPENS
MICROGRAMMES PAR METRE CUBE

STATION	LOCATION EMPLACEMENT	*----- PARTICULATES / PARTICULES -----*						*----- LEAD / PLOMB -----*					
		----- DAY / JOUR -----					MEAN	*----- DAY / JOUR -----*					MEAN
		6	12	18	24	30	MOYENNE	6	12	18	24	30	MOYENNE
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	31	38	57	32	63	44	0.2	0.0	0.1	0.1	0.1	0.1
00701C	KELOWNA, B.C. 100 KLO RD.	27	54	20	35	44	36	0.0	0.2	0.0	0.1	0.1	0.1
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	15	31	46	7	22	24	0.0	0.0	0.1	0.0	0.1	0.1

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

NOVEMBER - NOVEMBRE
1989

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		6	12	18	24	30
10102C	ST. JOHN'S, NFLD. 354 WATER STREET	1	0	2	1	1
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	0	0	0	-
30115I	HALIFAX, N.S. CFB SHEARWATER	-	-	-	-	-
30310C	SYDNEY, N.S. COUNTY JAIL	1	0	0	0	0
30409R	GLACE BAY, N.S. SOUTH STREET	0	0	0	0	0
40203R	SAINT JOHN, N.B. FOREST HILLS	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	-	-	1	1	1
50103R	POINTE-AUX-TREMBLES	2	1	1	2	2
50104C	1125 ONTARIO EST	1	-	1	1	1
50109C	DUNCAN & DECARIE	0	-	-	-	0
50110C	PARC PILON, MTL.-NORD	-	-	-	-	-
50112C	BOUL. LAURENTIDES	-	0	0	1	0
50113R	PIE X & CARDINAL	0	0	0	0	0
50116R	3161 JOSEPH, VERDUN	0	0	1	0	0
50119R	699 CURE POIRIER	0	0	-	-	0
50120R	4TH. AVE. SOUTH, ROXBORO	0	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	0	0	0	1	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	-	-	-	-	-
50307C	PARC CARTIER BREBOEUF	-	-	-	-	-
50308I	600 RUE DES SABLES	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	0	0	-	0	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	0	0	0	0	1
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	0	0	0	1
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	12	0	0	2	3
51302R	BAIE COMEAU, QUEBEC 39 AVENUE HANCE	0	0	0	1	1
60101C	OTTAWA, ONT. 88 SLATER ST.	0	0	0	1	1
60104C	RIDEAU & WURTEMBERG	0	0	0	0	0
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	1	0	1	1	0
60212I	WATER & WRIGHT AVE.	1	1	1	1	2
60403I	TORONTO, ONT. EVANS & ARNOLD	-	-	-	-	-
60410R	LAWRENCE & KENNEDY	-	-	-	-	-
60413R	ELMCREST ROAD	-	-	-	-	-
60415R	QUEENSWAY W & HURONTARIO	-	-	-	-	-
60417C	26 BREADALBANE STREET	-	-	-	-	-
60501C	HAMILTON, ONT. BARTON & SANFORD	0	0	1	1	0
60511R	467 BEACH BLVD.	4	2	8	10	2
60512C	BEASLEY PARK	0	0	0	2	0
60602R	SUDBURY, ONT. ASH STREET	0	0	0	1	0
60707I	SAULT STE. MARIE, ONT. WM. HERRIFIELD SCHOOL	0	0	0	0	0
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	0	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	-	1	0	2	0
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	0	-	0	2	0

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

NOVEMBER - NOVEMBRE
1989

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		6	12	18	24	30
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	0	0	0	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	-	-	-	-	-
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	-	-	-	-	-
61802R	GUELPH, ONT. EXHIBITION PARK	1	0	0	0	0
62001R	NORTH BAY, ONT. O.P.P. STATION	-	0	0	0	0
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	0	0	0	0
70119C	65 ELLEN STREET	0	-	0	0	0
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	0	0	0	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	1	0	2	2	1
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	0	0	1	0	1
00111I	ROCKY PT. PARK	0	0	0	0	1
00118R	2550 WEST 10TH AVENUE	0	-	0	0	2
00303C	VICTORIA, B.C. 1250 QUADRA ST.	-	-	-	-	-
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	-	-	-	-

89 - 165

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

NOVEMBER - NOVEMBRE
1989

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
60403I	TORONTO, ONT. EVANS & ARNOLD	3.3	-
60501C	HAMILTON, ONT. BARTON & SANFORD	-	-
60502I	BURLINGTON & GAGE	-	-
60503I	CHATHAM & FRID	-	-
60507C	HUGHSON & HUNTER	-	-
60702R	SAULT STE. MARIE, ONT. ANNA MCREA PUBLIC SCHOOL	0.5	-
60703I	BAYVIEW & YOUNG	7.6	-
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	0.8	-
90125C	EDMONTON, ALTA. PRINS ELIZABETH & 108 ST	3.4	0.1 **
90126R	77 AVENUE & 85 STREET	1.5	0.0 **
90127I	115 AVENUE & 159 STREET	5.5	0.0 **
90128R	99 AVENUE & 160 STREET	2.3	0.0 **
90219C	CALGARY, ALTA. 620-7TH AVENUE, S.W.	-	0.1 **
90221R	DALHOUSIE DR & DALHAM DR	-	0.0 **
90223C	11 ST. & 38 AVE. S.E.	9.2	0.1 **
90224I	OGDENDALE & 71 AVE S.E.	-	0.1 **
90225R	PALLISER DR & OAKWOOD SW	-	0.0 **
90226I	SHEPPARD & 84 AVE S.E.	2.5	0.0 **

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