

**National Air
Pollution Surveillance**

**Surveillance nationale
de la pollution
atmosphérique**

Monthly Summary

Extrait mensuel

**Report EPS 7/AP/6-89
June 1989**

**Rapport SPE 7/AP/6-89
Juin 1989**



**Environment
Canada**

**Environnement
Canada**

Canada

SULPHUR DIOXIDE
PARTS PER HUNDRED MILLION

JUNE - JUIN
1989

DIOXYDE DE SOUFRE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRES	MONTHLY MEAN MOYENNE MENSUELLE	FREQUENCY DISTRIBUTIONS - CENTILES - DISTRIBUTIONS DES FREQUENCES				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES							
				70	95	99	MAX	70	95	99	MAX				
10102C	ST. JOHN'S, NFLD. 354 WATER STREET	690	1.2	1	3	4	6	1	2	3	3				
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	699	0.1	0	0	1	1	0	0	0	0				
30115I	HALIFAX, N.S. CFB SHEARWATER	532	0.6	1	2	4	8	1	1	2	2				
30117C	BEDFORD ROW POST OFFICE	690	1.6	2	4	10	13	2	3	5	6				
30310C	SYDNEY, N.S. COUNTY JAIL	690	0.3	0	1	9	19	0	1	3	3				
30409R	GLACE BAY, N.S. SOUTH STREET	658	0.0	0	0	1	6	0	0	1	1				
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-				
40203R	FOREST HILLS	0	---	-	-	-	-	-	-	-	-				
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	707	0.3	0	2	3	7	0	1	2	3				
50103R	POINTE-AUX-TREMBLES	715	0.9	1	4	8	14	1	3	4	4				
50104C	1125 ONTARIO EST	719	0.3	1	1	2	4	1	1	2	2				
50109C	DUNCAN & DECARIE	713	0.5	1	2	3	4	1	2	2	3				
50110C	PARC PILON, MTL.-NORD	525	0.0	0	0	1	2	0	0	0	0				
50112C	BOUL. LAURENTIDES	519	0.2	0	1	2	3	0	1	1	1				
50113R	PIE X & CARDINAL	662	0.0	0	0	0	1	0	0	0	0				
50115C	1001 BOUL MAISONNEUVE O.	552	0.3	1	1	2	4	0	1	1	1				
50116R	3161 JOSEPH, VERDUN	671	0.4	0	2	4	5	0	2	3	3				
50117R	7405 CHAMPAGNEUR	591	0.2	0	1	2	3	0	1	1	1				
50118R	820 ST. GERMAIN	0	---	-	-	-	-	-	-	-	-				
50119R	699 CURE POIRIER	506	0.1	0	1	2	2	0	0	1	1				
50120R	4TH. AVE. SOUTH, ROXBORO	0	---	-	-	-	-	-	-	-	-				
50203R	HULL, QUEBEC GAMELIN & JOFFRE	705	0.4	0	1	1	2	0	1	1	1				
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	0	---	-	-	-	-	-	-	-	-				
50306R	2026 BLVD. ST-CYRILLE	627	0.1	0	1	2	4	0	1	1	1				
50307C	PARC CARTIER BREBOEUF	689	0.5	0	2	6	18	1	2	2	3				
50601C	ROUYN, QUEBEC HOTEL DE VILLE	653	0.9	0	5	9	22	1	3	4	4				
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	593	0.9	1	3	5	6	1	3	3	3				
50901R	ARVIDA, QUEBEC POWELL & HOOPEES	609	1.0	0	7	12	14	1	5	5	6				
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	572	3.4	2	19	37	50	4	17	20	21				
51302R	BAIE COMEAU, QUEBEC 39 AVENUE MANCE	688	1.1	0	7	15	33	1	4	6	7				
60101C	OTTAWA, ONT. 88 SLATER ST.	709	0.6	1	1	2	2	1	1	1	1				
60104C	RIDEAU & WURTEMBERG	699	0.0	0	0	1	2	0	0	0	0				
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	710	0.6	1	2	4	9	1	1	2	2				
60211R	COLLEGE & PRINCE	709	0.9	1	2	3	9	1	1	2	2				
60212I	WATER & WRIGHT AVE.	712	0.6	1	2	3	6	1	1	2	2				
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	720	0.1	0	1	1	2	0	0	0	1				
60403I	EVANS & ARNOLD	720	0.3	0	1	2	5	1	1	1	1				
60409R	REDLANDS CRESCENT	720	0.0	0	0	1	2	0	0	0	0				
60410R	LAWRENCE & KENNEDY	715	0.3	0	1	3	4	1	1	1	2				
60413R	ELMCREST ROAD	719	0.5	0	2	9	24	0	2	3	3				
60415R	QUEENSHAY W & HURONTARIO	720	0.2	0	1	3	6	0	1	1	2				
60417C	26 BREADALBANE STREET	719	0.8	1	2	4	10	1	2	2	2				
60501C	HAMILTON, ONT. BARTON & SANFORD	717	1.5	1	4	7	12	2	3	4	5				
60511R	467 BEACH BLVD.	671	0.7	1	3	6	8	1	2	3	4				
60512C	BEASLEY PARK	712	1.6	2	6	10	14	2	6	6	7				
60602R	SUDBURY, ONT. ASH STREET	720	1.2	1	6	14	57	1	5	6	6				
60606C	KENNEDY STREET	717	1.1	0	6	16	36	1	4	8	8				

--- 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 MILLIONJUNE - JUIN
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			
				INTERVALS - INTERVALLES				MEANS ---- MOYENNES			
				1-HOUR / HEURE				24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
60607R	SCIENCE CENTRE NORTH	716	1.3	1	7	19	73	2	6	6	6
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	714	0.2	0	1	3	4	0	1	1	1
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	710	0.0	0	0	1	2	0	0	0	0
60901C	LONDON, ONT. KING & RECTORY	712	0.1	0	1	2	4	0	1	1	1
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	708	0.9	1	4	7	10	1	3	4	4
61103C	PETERBOROUGH, ONT. 500 GEORGE STREET	720	0.0	0	0	1	4	0	0	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	717	0.7	0	5	10	17	1	3	6	7
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	716	0.2	0	1	1	4	0	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	714	0.2	0	1	1	2	0	1	1	1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	720	0.5	1	2	3	7	1	1	2	2
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	719	0.2	0	1	1	4	0	1	1	1
61802R	GUELPH, ONT. EXHIBITION PARK	715	0.7	1	1	2	4	1	1	1	1
62001R	NORTH BAY, ONT. O.P.P. STATION	718	0.1	0	0	2	4	0	0	1	1
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	687	0.1	0	0	1	1	0	0	0	0
70119C	65 ELLEN STREET	682	0.1	0	0	1	2	0	0	0	1
80110C	REGINA, SASK. 2505 11TH. AVENUE	310	---	0	1	2	6	0	1	1	1
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	681	0.0	0	0	0	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	718	0.1	0	0	1	2	0	0	1	1
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	708	0.1	0	0	1	1	0	0	0	0
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	694	0.8	1	3	5	6	1	2	2	3
00111I	ROCKY PT. PARK	635	0.7	1	3	4	6	1	2	2	2
00112C	ROBSON/HORNBY	703	0.6	1	2	3	9	1	1	1	2
00118R	2550 WEST 10TH AVENUE	706	0.4	1	1	2	4	1	1	1	1
00303C	VICTORIA, B.C. 1250 QUADRA ST.	0	---	-	-	-	-	-	-	-	-
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	0	---	-	-	-	-	-	-	-	-

--- 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 MILLIONJUNE - JUIN
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				MEANS - MOYENNES			
				INTERVALS - INTERVALLES				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	649	1.0	1	3	4	5	1	3	3	4	1	2	3	3
30117C	HALIFAX, N.S. BEDFORD ROW POST OFFICE	720	1.4	2	2	3	5	2	2	2	3	2	2	2	2
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	707	***	0	1	3	4	0	1	2	2	0	1	1	1
50103R	POINTE-AUX-TREMBLES	715	***	0	1	1	3	0	1	1	1	0	0	0	0
50104C	1125 ONTARIO EST	719	0.7	1	2	3	5	1	1	2	3	1	1	2	2
50109C	DUNCAN & DECARIE	712	1.4	2	4	5	6	2	4	4	5	2	3	4	4
50110C	PARC PILON, MTL.-NORD	525	***	1	2	3	4	1	1	2	2	1	1	1	1
50112C	BOUL. LAURENTIDES	535	***	1	1	3	3	1	1	2	2	1	1	1	1
50113R	PIE X & CARDINAL	672	***	1	1	2	2	1	1	1	2	1	1	1	1
50115C	1001 BOUL MAISONNEUVE O.	553	1.2	2	3	4	7	2	3	4	4	2	3	3	3
50116R	3161 JOSEPH, VERDUN	671	0.5	1	2	3	3	1	2	2	2	1	1	2	2
50119R	699 CURE POIRIER	508	0.6	1	2	3	5	1	2	3	4	1	2	2	2
50120R	4TH. AVE. SOUTH, ROXBORO	0	---	-	-	-	-	-	-	-	-	-	-	-	-
50203R	HULL, QUEBEC GAMBLIN & JOFFRE	705	0.7	1	1	2	2	1	1	1	1	1	1	1	1
50307C	QUEBEC, QUEBEC PARC CARTIER BREBOEUF	666	0.5	1	1	2	3	1	1	2	2	1	1	1	1
60101C	OTTAWA, ONT. 88 SLATER ST.	707	1.2	1	3	4	5	1	2	3	3	1	2	2	2
60104C	RIDEAU & WURTEMBERG	701	0.6	1	1	1	2	1	1	1	1	1	1	1	1
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	711	1.0	1	2	3	5	1	2	2	3	1	2	2	2
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	704	0.7	1	1	2	5	1	1	2	2	1	1	2	2
60403I	EVANS & ARNOLD	719	0.9	1	2	2	4	1	1	2	2	1	1	1	1
60410R	LAWRENCE & KENNEDY	718	1.0	1	2	3	4	1	2	2	3	1	2	2	2
60413R	ELMCREST ROAD	717	0.8	1	2	3	3	1	2	2	3	1	2	2	2
60415R	QUEENSWAY W & HURONTARIO	720	0.6	1	1	2	3	1	1	1	2	1	1	1	1
60416C	381 YONGE STREET	720	2.7	3	6	11	18	3	6	7	9	3	5	5	5
60417C	26 BREADALBANE STREET	717	0.6	1	1	3	5	1	1	2	3	1	1	1	2
60511R	HAMILTON, ONT. 467 BEACH BLVD.	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60512C	BEASLEY PARK	717	1.3	2	2	3	4	2	2	3	3	2	2	2	2
60607R	SUDBURY, ONT. SCIENCE CENTRE NORTH	716	***	0	1	1	1	0	1	1	1	1	1	1	1
60707I	SAULT STE. MARIE, ONT. WM. HERRIFIELD SCHOOL	0	---	-	-	-	-	-	-	-	-	-	-	-	-
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	714	***	0	1	1	2	0	1	1	1	0	1	1	1
60901C	LONDON, ONT. KING & RECTORY	715	1.0	1	2	2	4	1	1	2	2	1	1	1	2
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	710	***	0	1	2	2	0	1	1	1	0	1	1	1
61201R	CORNWALL, ONT. MEMORIAL PARK	716	0.8	1	1	1	2	1	1	1	1	1	1	1	1
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	716	1.1	1	2	2	5	1	1	2	2	1	1	1	1
61501C	KITCHENER, ONT. EDNA & FREDERICK	716	1.2	1	2	3	5	1	2	2	3	1	2	2	2
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	720	1.1	1	1	2	3	1	1	2	2	1	1	1	1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	718	0.7	1	1	2	3	1	1	2	2	1	1	1	1
62001R	NORTH BAY, ONT. O.P.P. STATION	719	***	0	0	0	1	0	0	0	0	0	0	0	0
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	686	***	0	1	2	4	1	1	2	2	1	1	1	1
70119C	65 ELLEN STREET	684	0.7	1	2	2	3	1	1	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 MILLIONJUNE - JUIN
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				
80110C	REGINA, SASK. 2505 11TH. AVENUE	714	0.8	1	2	3	5	1	2	2	3	1	1	2	2				
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	711	***	0	1	1	2	0	1	1	1	0	1	1	1				
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	718	***	1	1	1	1	1	1	1	1	0	1	1	1				
90122R	127 ST. & 133 AVENUE	693	0.7	1	1	2	3	1	1	1	2	1	1	1	1				
90130C	10255 - 104TH STREET	718	1.1	1	2	3	4	1	2	2	2	1	2	2	2				
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	713	***	1	1	2	3	1	1	1	1	1	1	1	1				
90227C	611-4TH STREET S.W.	715	1.1	1	2	3	4	1	2	2	2	1	2	2	2				
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	577	0.7	1	2	2	3	1	1	2	2	1	1	1	1				
00110R	E. HASTINGS & KENSINGTON	696	0.7	1	1	2	3	1	1	1	1	1	1	1	1				
00111I	ROCKY PT. PARK	705	0.9	1	2	3	4	1	2	3	4	1	2	2	2				
00112C	ROBSON/HORNEY	699	2.2	3	4	6	7	3	4	4	5	3	3	4	4				
00118R	2550 WEST 10TH AVENUE	663	0.7	1	2	2	3	1	1	2	2	1	1	1	1				
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	---	-	-	-	-	-	-	-	-	-	-	-	-				

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

NITROGEN DIOXIDE
PARTS PER HUNDRED MILLION

JUNE - JUIN
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				MEANS - MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
30115I	HALIFAX, N.S. CFB SHEARWATER	720	***	1	2	3	5	1	1	2	2
30117C	BEDFORD ROW POST OFFICE	673	***	0	1	1	2	0	1	1	1
40202C	SAINT JOHN, N.B. POST OFFICE	0	---	-	-	-	-	-	-	-	-
40203R	FOREST HILLS	0	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	---	-	-	-	-	-	-	-	-
50104C	1125 ONTARIO EST	719	2.4	3	5	6	8	3	4	4	4
50109C	DUNCAN & DECARIE	713	3.3	4	7	8	9	4	6	6	6
50110C	PARC PILON, MTL.-NORD	486	1.4	2	4	13	39	2	3	7	7
50112C	BOUL. LAURENTIDES	546	2.0	2	5	6	7	2	4	5	5
50113R	PIE X & CARDINAL	392	1.3	2	4	5	6	2	3	3	3
50115C	1001 BOUL MAISONNEUVE O.	549	4.9	6	8	9	11	6	7	7	7
50116R	3161 JOSEPH, VERDUN	671	1.4	2	3	4	5	2	2	3	3
50119R	699 CURE POIRIER	527	1.8	2	4	4	5	2	3	3	3
50120R	4TH. AVE. SOUTH, ROXBORO	703	1.3	2	4	6	7	2	3	4	4
50203R	HULL, QUEBEC GAMELIN & JOFFRE	541	1.3	2	3	3	4	2	2	2	2
50307C	QUEBEC, QUEBEC PARC CARTIER BREBOEUF	0	---	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	683	3.7	4	7	9	11	4	5	6	6
60104C	RIDEAU & WURTEMBERG	699	1.2	2	3	4	5	2	2	2	2
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	483	3.2	4	6	8	9	4	5	5	6
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	718	2.9	3	5	6	8	3	4	5	5
60403I	EVANS & ARNOLD	708	2.9	4	6	7	8	4	5	5	5
60410R	LAWRENCE & KENNEDY	718	2.4	3	6	8	13	3	4	6	6
60413R	ELMCREST ROAD	716	3.1	4	6	8	10	4	5	6	6
60415R	QUEENSWAY W & HURONTARIO	720	2.5	3	6	10	13	3	6	9	9
60417C	26 BREADALBANE STREET	720	2.6	3	5	6	10	3	4	5	5
60511R	HAMILTON, ONT. 467 BEACH BLVD.	693	1.9	3	5	5	6	3	4	4	4
60512C	BEASLEY PARK	717	2.8	4	5	7	8	4	4	5	5
60607R	SUDBURY, ONT. SCIENCE CENTRE NORTH	716	***	1	2	2	3	1	1	1	2
60707I	SAULT STE. MARIE, ONT. WM. HERRIFIELD SCHOOL	714	1.3	2	3	4	5	2	2	2	2
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	714	***	1	2	3	4	1	2	2	3
60901C	LONDON, ONT. KING & RECTORY	712	2.1	2	4	6	7	2	3	4	4
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	715	1.9	2	4	5	6	2	3	3	4
61201R	CORNWALL, ONT. MEMORIAL PARK	720	***	1	2	3	4	1	1	2	2
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	717	2.0	2	4	5	7	2	3	3	4
61501C	KITCHENER, ONT. EDNA & FREDERICK	715	2.5	3	5	6	8	3	4	5	5
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	720	1.5	2	4	5	6	2	3	3	3
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	720	2.4	3	5	7	8	3	4	4	5
62001R	NORTH BAY, ONT. O.P.P. STATION	719	***	1	2	3	4	1	2	2	2
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	685	1.1	1	3	5	6	1	2	2	3
70119C	65 ELLEN STREET	682	1.6	2	4	5	6	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

JUNE - JUIN
1989

DIOXYDE D'AZOTE
PARTIES PAR CENT MILLIONS

STATION	LOCATION EMPLACEMENT	NUMBER OF HOURLY SAMPLES NOMBRE DE DONNEES HORAIRE	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	714	1.8	2	3	4	5	2	3	3	3
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	711	1.3	2	2	3	5	1	2	2	2
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	714	1.3	1	3	4	5	2	2	3	3
90130C	10255 - 104TH STREET	598	2.3	3	4	5	5	3	3	3	4
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	656	1.3	2	3	4	5	2	2	3	3
90227C	611-4TH STREET S.W.	711	2.9	4	5	6	7	3	4	4	4
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	0	---	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	695	2.2	3	4	6	8	3	3	4	4
00111I	ROCKY PT. PARK	541	2.1	2	4	5	6	2	3	4	4
00112C	ROBSON/HORNBY	570	3.1	4	4	5	6	3	4	4	4
00118R	2550 WEST 10TH AVENUE	0	---	-	-	-	-	-	-	-	-
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	0	---	-	-	-	-	-	-	-	-

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

OZONE
 PARTS PER HUNDRED MILLION

 JUNE - JUIN
 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				MEANS ---- MOYENNES			
				INTERVALS - INTERVALLES		1-HOUR / HEURE		24-HOUR / HEURES			
				70	95	99	MAX	70	95	99	MAX
10102C	ST. JOHN'S, NFLD. 354 WATER STREET	690	3.5	5	8	9	10	5	7	8	8
30115I	HALIFAX, N.S. CFB SHEARWATER	720	2.8	3	5	6	6	3	4	5	5
30117C	BEDFORD ROW POST OFFICE	600	2.2	3	4	4	5	3	3	3	3
30501R	KEJIMKUJIK, 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	---	-	-	-	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	707	2.4	3	6	8	12	3	5	5	6
50103R	POINTE-AUX-TREMBLES	715	2.2	3	5	7	8	3	4	4	5
50104C	1125 ONTARIO EST	719	2.2	3	5	7	8	3	4	5	5
50109C	DUNCAN & DECARIE	0	---	-	-	-	-	-	-	-	-
50110C	PARC PILON, MTL.-NORD	417	1.7	2	5	6	7	2	3	3	4
50112C	BOUL. LAURENTIDES	693	2.3	3	6	7	18	3	4	5	5
50113R	PIE X & CARDINAL	33	---	1	2	3	3	1	1	1	1
50115C	1001 BOUL MAISONNEUVE O.	553	1.0	1	4	5	7	1	2	3	3
50116R	3161 JOSEPH, VERDUN	671	2.2	3	6	7	10	3	4	5	5
50119R	699 CURE POIRIER	517	2.4	3	7	7	9	3	4	6	6
50120R	4TH. AVE. SOUTH, ROXBORO	703	1.5	2	4	4	5	2	3	3	4
50306R	QUEBEC, QUEBEC 2026 BLVD. ST-CYRILLE	0	---	-	-	-	-	-	-	-	-
50307C	PARC CARTIER BREBOEUF	676	1.4	2	3	4	5	1	2	3	3
51401R	ST. ETIENNE, QUEBEC 135 DUPUIS	0	---	-	-	-	-	-	-	-	-
60101C	OTTAWA, ONT. 88 SLATER ST.	614	1.3	2	3	4	5	2	2	3	3
60104C	RIDEAU & WURTEMBURG	699	2.3	3	5	6	8	3	4	5	5
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	709	3.2	4	7	10	14	4	6	7	7
60402R	TORONTO, ONT. DON MILLS, SCIENCE CNTR	720	1.7	2	4	7	10	2	3	4	4
60403I	EVANS & ARNOLD	585	1.9	3	5	7	7	2	3	4	4
60410R	LAWRENCE & KENNEDY	718	2.8	4	6	9	14	3	5	5	6
60413R	ELMCREST ROAD	718	2.3	3	6	8	10	3	4	5	5
60415R	QUEENSWAY W & HURONTARIO	720	2.8	4	7	10	12	3	5	6	6
60417C	26 BREADALBANE STREET	708	2.5	3	6	8	14	3	5	5	5
60512C	HAMILTON, ONT. BEASLEY PARK	717	2.6	4	7	8	12	3	5	5	5
60607R	SUDBURY, ONT. SCIENCE CENTRE NORTH	612	3.1	4	6	6	10	4	5	5	5
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	714	2.5	3	5	6	6	3	4	4	5
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	714	2.0	3	4	4	5	2	3	4	4
60901C	LONDON, ONT. KING & RECTORY	713	3.4	4	7	9	11	4	6	6	6
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	522	2.8	4	5	7	7	3	4	4	4
61201R	CORNWALL, ONT. MEMORIAL PARK	720	2.0	3	4	5	6	2	4	4	4
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	710	2.8	4	6	8	11	4	4	5	5
61501C	KITCHENER, ONT. EDNA & FREDERICK	708	2.9	4	7	8	9	4	5	6	6
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	720	3.4	4	8	9	12	4	5	6	6

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

OZONE
PARTS PER HUNDRED MILLION

JUNE - JUIN
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
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	719	3.0	4	7	10	11	3	6	7	7
61802R	GUELPH, ONT. EXHIBITION PARK	716	2.8	3	6	8	9	3	5	5	5
62001R	NORTH BAY, ONT. O.P.P. STATION	719	2.9	3	6	7	7	3	4	5	5
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	687	3.5	4	6	7	10	4	5	6	6
70119C	65 ELLEN STREET	684	2.4	3	5	6	10	3	4	4	4
80110C	REGINA, SASK. 2505 11TH. AVENUE	714	2.8	3	4	5	6	3	4	4	4
80209C	SASKATOON, SASK. IDYLWYLD DR. & 33RD ST.	711	2.6	3	4	5	5	3	3	4	4
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	718	2.4	3	4	5	5	3	3	4	4
90130C	10255 - 104TH STREET	718	2.1	3	4	5	5	2	3	3	3
90222R	CALGARY, ALTA. 39 ST. & 29 AVE. N.W.	713	3.2	4	5	6	7	4	4	4	4
90227C	611-4TH STREET S.W.	712	2.4	3	5	5	6	3	3	3	4
00108I	VANCOUVER, B.C. 250 WEST 70TH AVENUE	707	1.6	2	4	5	8	2	3	3	3
00110R	E. HASTINGS & KENSINGTON	702	1.7	2	4	6	8	2	3	3	3
00111I	ROCKY PT. PARK	704	2.0	3	6	7	10	2	3	4	4
00112C	ROBSON/HORNBY	707	0.7	1	2	3	6	1	1	2	2
00118R	2550 WEST 10TH AVENUE	686	1.7	2	4	6	8	2	3	4	4
00303C	VICTORIA, B.C. 1250 QUADRA ST.	0	---	-	-	-	-	-	-	-	-
00701C	KELOWNA, B.C. 100 KLO RD.	0	---	-	-	-	-	-	-	-	-

SOILING INDEX
 COH UNITS PER 1000 LINEAR FT.

 JUNE - JUIN
 1989

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		2-HOUR / HEURES		MEANS ----- MOYENNES		24-HOUR / HEURES	
				70	95	99	MAX	70	95	99	MAX
50109C	MONTREAL, QUEBEC DUNCAN & DECARIE	218	0.80	0.9	2.3	5.4	6.8	0.8	1.3	1.8	1.9
50110C	PARC PILON, MTL.-NORD	241	0.23	0.3	0.6	0.8	1.2	0.3	0.4	0.6	0.6
50115C	1001 BOUL MAISONNEUVE O.	266	0.45	0.6	1.1	1.6	1.8	0.5	0.8	0.9	1.0
50116R	3161 JOSEPH, VERDUN	330	0.22	0.3	0.7	0.9	1.0	0.3	0.5	0.6	0.6
50120R	4TH. AVE. SOUTH, ROXBORO	346	0.12	0.2	0.5	0.7	0.8	0.2	0.3	0.5	0.6
60104C	OTTAWA, ONT. RIDEAU & WURTEMBERG	541	(1) 0.25	0.3	0.6	0.8	0.8	0.3	0.4	0.5	0.6
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	714	(1) 0.48	0.6	1.0	1.3	1.7	0.6	0.7	0.9	1.0
60211R	COLLEGE & PRINCE	714	(1) 0.41	0.5	0.8	1.3	1.5	0.5	0.7	0.8	0.8
60403I	TORONTO, ONT. EVANS & ARNOLD	639	(1) 0.54	0.7	1.1	1.4	2.4	0.7	0.9	0.9	0.9
60410R	LAWRENCE & KENNEDY	714	(1) 0.42	0.5	1.2	1.4	2.3	0.5	0.8	1.0	1.0
60417C	26 BREADALBANE STREET	720	(1) 0.43	0.5	0.9	1.2	1.3	0.5	0.7	0.9	1.0
60501C	HAMILTON, ONT. BARTON & SANFORD	681	(1) 0.49	0.6	1.1	1.7	2.4	0.7	0.9	1.2	1.2
60511R	467 BEACH BLVD.	581	(1) 0.62	0.8	1.4	1.9	2.4	0.8	1.3	1.5	1.5
60512C	BEASLEY PARK	717	(1) 0.70	0.9	1.7	2.3	2.9	1.0	1.3	1.4	1.4
60607R	SUDBURY, ONT. SCIENCE CENTRE NORTH	664	(1) 0.14	0.2	0.3	0.5	0.8	0.2	0.3	0.4	0.4
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	715	(1) 0.28	0.3	0.7	1.0	1.3	0.4	0.5	0.6	0.6
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	681	(1) ****	0.0	0.1	0.2	0.3	0.0	0.1	0.1	0.2
60901C	LONDON, ONT. KING & RECTORY	683	(1) 0.41	0.5	0.9	1.3	2.1	0.5	0.8	0.8	0.8
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	659	(1) 0.36	0.5	0.7	0.9	1.3	0.4	0.6	0.7	0.8
61201R	CORNWALL, ONT. MEMORIAL PARK	717	(1) ****	0.0	0.1	0.2	0.2	0.0	0.1	0.1	0.1
61302C	ST. CATHARINES, ONT. ARGYLE CRESCENT	716	(1) 0.29	0.4	0.6	0.8	1.3	0.4	0.5	0.6	0.6
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	713	(1) 0.32	0.4	0.9	1.3	1.4	0.4	0.7	0.8	0.8
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	708	(1) 0.59	0.8	1.2	1.4	1.9	0.7	1.0	1.0	1.0
61802R	GUELPH, ONT. EXHIBITION PARK	657	(1) 0.22	0.3	0.4	0.5	0.9	0.3	0.4	0.4	0.4
62001R	NORTH BAY, ONT. O.P.P. STATION	720	(1) 0.22	0.2	0.5	0.7	1.0	0.3	0.4	0.5	0.5
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	517	(1) ****	0.1	0.2	0.3	0.9	0.1	0.1	0.2	0.2
70119C	65 ELLEN STREET	707	(1) 0.17	0.2	0.4	0.6	0.6	0.2	0.3	0.3	0.3
90122R	EDMONTON, ALTA. 127 ST. & 133 AVENUE	630	(1) 0.12	0.1	0.4	0.6	1.0	0.1	0.2	0.4	0.4
90130C	10255 - 104TH STREET	707	(1) 0.15	0.2	0.4	0.6	0.9	0.2	0.3	0.3	0.4
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	720	(1) 0.12	0.2	0.4	0.6	0.9	0.2	0.3	0.3	0.3
90222R	39 ST. & 29 AVE. N.W.	715	(1) ****	0.1	0.2	0.3	0.5	0.1	0.1	0.2	0.2
90227C	611-4TH STREET S.W.	719	(1) 0.21	0.3	0.6	0.8	0.9	0.3	0.4	0.6	0.6
00102R	VANCOUVER, B.C. 100 RICHMOND STREET	0	----	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	0	----	-	-	-	-	-	-	-	-
00110R	E. HASTINGS & KENSINGTON	624	(1) 0.17	0.2	0.4	0.6	0.7	0.2	0.4	0.4	0.4
00111I	ROCKY PT. PARK	719	(1) 0.21	0.2	0.4	0.5	0.6	0.3	0.3	0.4	0.4
00112C	ROBSON/HORNBY	234	(1) ----	0.4	0.6	0.8	0.8	0.4	0.5	0.5	0.5
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

JUNE - JUIN
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
		3	9	15	21	27		3	9	15	21	27	
10102C	ST. JOHN'S, Nfld. 354 WATER STREET	32	42	33	-	-	36	0.0	0.0	0.0	-	-	0.0
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	19	63	22	37	23	33	0.0	0.1	0.0	0.1	0.0	0.0
30101C	HALIFAX, N.S. N.S. TECHNICAL COLLEGE	-	40	34	66	37	44	-	0.0	0.0	0.0	0.0	0.0
30102R	DALHOUSIE UNIVERSITY	18	18	6	41	20	21	0.0	0.0	0.0	0.0	0.0	0.0
30115I	CPB SHEARWATER	11	12	17	-	11	13	0.0	0.0	0.0	-	0.0	0.0
30310C	SYDNEY, N.S. COUNTY JAIL	29	37	37	41	39	37	0.0	0.0	0.0	0.1	0.1	0.0
30311R	WHITNEY PIER FIRE STN.	30	33	36	55	48	40	0.0	0.0	0.0	0.0	0.0	0.0
30409R	GLACE BAY, N.S. SOUTH STREET	17	30	33	33	65	36	0.0	0.0	0.0	0.0	0.0	0.0
40102C	FREDERICTON, N.B. YORK STREET	24	51	42	53	72	48	0.0	0.0	0.0	0.0	0.0	0.0
40201C	SAINT JOHN, N.B. 110 CHARLOTTE STREET	22	7	28	81	42	36	0.0	0.0	0.0	0.0	0.0	0.0
40203R	FOREST HILLS	33	18	48	110	72	56	0.0	0.0	0.0	0.0	0.0	0.0
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	32	36	-	29	-	32	0.0	0.0	-	0.0	-	0.0
50103R	POINTE-AUX-TREMBLES	54	63	42	71	79	62	0.0	0.0	0.0	0.0	0.0	0.0
50104C	1125 ONTARIO EST	61	71	69	101	87	78	0.0	0.1	0.1	0.2	0.0	0.1
50109C	DUNCAN & DECARIE	74	62	53	53	-	61	0.0	0.0	0.0	0.1	-	0.0
50110C	PARC PILON, MTL.-NORD	50	-	104	-	73	76	0.0	-	0.0	0.0	0.0	0.0
50112C	BOUL. LAURENTIDES	32	-	38	40	61	43	0.0	-	0.0	0.0	0.0	0.0
50113R	PIE X & CARDINAL	40	-	-	62	53	52	0.0	-	-	0.1	0.0	0.0
50116R	3161 JOSEPH, VERDUN	-	-	50	63	111	75	-	-	0.0	0.0	0.0	0.0
50119R	699 CURE POIRIER	36	37	26	37	45	36	0.0	0.0	0.0	0.0	0.0	0.0
50120R	4TH. AVE. SOUTH, ROXBORO	50	-	-	-	-	-	0.0	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	36	45	32	57	44	43	0.0	0.0	0.0	0.1	0.0	0.0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-	-	-	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	-	-	-	-	-	-	-	-	-	-	-	-
50307C	PARC CARTIER BREBOEUF	39	-	-	-	-	-	0.0	-	-	-	-	-
50403C	SHERBROOKE, QUEBEC WELLINGTON & ALBERT	51	108	94	135	103	98	0.0	0.0	0.0	0.0	0.0	0.0
50502R	CHICOUTIMI, QUEBEC USINE DE FILTRATION	34	30	20	70	50	41	0.0	0.0	0.0	0.0	0.0	0.0
50503C	222 RACINE	50	55	42	-	-	49	-	-	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	44	37	-	70	-	50	1.6	0.1	-	0.1	-	0.6
50701C	SEPT-ILES, QUEBEC HOTEL DE VILLE	-	39	33	-	-	-	-	0.0	0.0	-	-	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	42	95	44	76	68	65	0.0	0.0	0.0	0.0	0.0	0.0
50901R	ARVIDA, QUEBEC POWELL & HOOPES	-	-	-	70	48	-	-	-	-	0.0	0.0	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	50	84	86	59	57	67	0.0	0.0	0.0	0.0	0.0	0.0
51302R	BAIE COMEAU, QUEBEC 39 AVENUE MANCE	27	19	-	34	41	30	0.0	0.0	-	0.0	0.0	0.0
60101C	OTTAWA, ONT. 88 SLATER ST.	53	72	53	69	79	65	0.0	0.0	0.0	0.1	0.0	0.0
60104C	RIDEAU & WURTEMBERG	38	42	26	41	71	44	0.0	0.0	0.0	0.1	0.0	0.0
60202C	WINDSOR, ONT. CITY HALL	51	40	-	46	58	49	0.0	0.0	-	0.0	0.0	0.0
60203R	TECUMSEH WATER WORKS	48	76	45	48	61	56	0.0	0.0	0.0	0.0	0.0	0.0
60204C	471 UNIVERSITY AVENUE	62	90	52	64	80	70	0.1	0.0	0.0	0.0	0.1	0.1
60212I	WATER & WRIGHT AVE.	53	73	37	46	60	54	-	-	-	-	-	-
60403I	TORONTO, ONT. EVANS & ARNOLD	108	88	55	83	-	84	0.1	0.1	0.1	0.0	-	0.1
60410R	LAWRENCE & KENNEDY	76	-	47	84	63	68	0.1	-	0.0	0.0	0.0	0.0
60413R	ELMCREST ROAD	-	-	-	-	-	-	-	-	-	-	-	-
60415R	QUEENSWAY W & HURONTARIO	50	70	36	53	75	57	0.1	0.1	0.0	0.0	0.0	0.0
60417C	26 BREADALBANE STREET	70	74	28	70	97	68	0.1	0.1	0.0	0.1	0.1	0.1
60501C	HAMILTON, ONT. BARTON & SANFORD	90	160	200	70	82	120	0.1	0.3	0.3	0.1	0.1	0.2
60503I	CHATHAM & FRID	45	-	-	99	-	-	0.0	-	-	0.4	-	-
60511R	467 BEACH BLVD.	86	55	35	-	160	84	0.1	0.0	0.0	-	0.1	0.1
60512C	BEASLEY PARK	67	156	-	141	82	112	-	-	-	-	-	-

89 - 86

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

JUNE - JUIN
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
		3	9	15	21	27		3	9	15	21	27	
60602R	SUDBURY, ONT. ASH STREET	36	-	-	66	78	60	0.0	-	-	0.0	0.1	0.0
60605C	19 LISGAR STREET	56	1	46	74	68	49	0.0	-	0.0	0.0	0.1	0.0
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	40	28	14	67	40	38	0.1	0.0	-	-	-	-
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	39	33	46	95	33	49	0.0	0.0	0.0	0.0	0.0	0.0
60807R	615 JAMES STREET SOUTH	33	-	50	78	45	52	0.0	-	0.0	0.1	0.1	0.1
60901C	LONDON, ONT. KING & RECTORY	72	98	68	59	63	72	0.0	0.1	0.0	0.0	0.0	0.0
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	34	36	44	23	18	31	0.0	0.0	0.0	0.0	0.0	0.0
61303C	ST. CATHARINES, ONT. 71 KING STREET	68	69	66	68	84	71	0.0	0.1	0.1	0.1	0.0	0.1
61501C	KITCHENER, ONT. EDNA & FREDERICK	49	95	60	78	44	65	0.1	0.1	0.1	0.1	0.0	0.1
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	59	80	32	25	47	49	0.1	0.1	0.1	0.0	0.0	0.1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.1	0.0
61802R	GUELPH, ONT. EXHIBITION PARK	27	65	42	47	46	45	0.1	0.1	0.1	0.1	0.0	0.1
62001R	NORTH BAY, ONT. O.P.P. STATION	29	31	18	42	41	32	0.0	0.0	0.0	0.0	0.0	0.0
70102R	WINNIPEG, MAN. PORTAGE & WOODLAWN	54	51	39	72	45	52	0.0	0.1	0.0	0.1	0.1	0.1
70118R	JEFFERSON & SCOTIA	45	43	55	50	16	42	0.0	0.1	0.7	0.0	0.0	0.2
70119C	65 ELLEN STREET	61	82	68	68	47	65	0.0	0.1	0.0	0.0	0.1	0.1
70201C	BRANDON, MAN. 11TH ST. & PRINCESS AVE.	48	67	48	46	28	47	0.0	0.0	0.1	0.0	0.0	0.0
80102R	REGINA, SASK. 3211 ALBERT STREET	39	65	46	20	28	40	0.1	0.0	0.0	0.0	0.0	0.0
80110C	2505 11TH. AVENUE	54	50	40	49	45	48	0.1	0.0	0.0	0.1	0.0	0.1
80203R	SASKATOON, SASK. 30TH ST. & 833 P AVE.	38	59	52	27	32	42	0.0	0.0	0.0	0.0	0.0	0.0
80209C	IDYLWYLD DR. & 33RD ST.	42	53	45	31	64	47	0.0	0.0	0.0	0.0	0.0	0.0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	41	31	45	36	27	36	0.1	0.0	0.1	0.1	0.0	0.1
90122R	127 ST. & 133 AVENUE	36	28	42	27	20	31	0.1	0.2	0.2	0.1	0.1	0.2
90130C	10255 - 104TH STREET	37	36	56	44	29	40	0.1	0.2	0.2	0.2	0.2	0.2
90204C	CALGARY, ALTA. 316-7TH AVENUE	65	55	74	38	60	58	0.1	0.2	0.2	0.2	0.2	0.2
90218I	BONNY BRK & 18A ST. S.E.	48	57	85	52	65	61	0.1	0.2	0.2	0.2	0.3	0.2
90222R	39 ST. & 29 AVE. N.W.	37	36	-	28	35	34	0.1	0.1	-	0.1	0.1	0.1
99001C	YELLOWKNIFE, N.W.T. 50TH AVE. & 49TH STREET	60	130	90	98	66	89	0.0	0.0	0.0	0.0	0.0	0.0
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	46	39	32	38	36	38	0.2	0.1	0.1	0.1	0.1	0.1
00104R	27TH & ONTARIO	-	-	-	-	-	-	-	-	-	-	-	-
00108I	250 WEST 70TH AVENUE	44	77	-	-	44	55	0.1	0.1	-	-	0.1	0.1
00109C	970 BURRARD	-	47	48	60	39	49	-	0.1	0.1	0.1	0.1	0.1
00110R	E. HASTINGS & KENSINGTON	43	42	28	32	17	32	0.1	0.1	0.1	0.1	0.1	0.1
00111I	ROCKY PT. PARK	40	38	23	29	20	30	0.1	0.1	0.1	0.1	0.1	0.1
00113I	ANNACIS ISLAND, DELTA	65	38	34	38	39	43	0.1	0.4	0.1	0.2	0.2	0.1
00114C	MUNICIPAL HALL, RICHMOND	44	45	33	37	36	39	0.0	0.1	0.1	0.1	0.1	0.1
00115R	NEWTON ELEM. SCH., SURREY	47	28	23	31	27	31	0.2	0.1	0.1	0.2	0.1	0.1
00116R	FIRE HALL, N. VANCOUVER	41	48	30	34	20	35	0.1	0.1	0.1	0.1	0.1	0.1
00117R	BCIT BURNABY	35	30	32	-	21	30	0.1	0.1	0.1	-	0.1	0.1
00118R	2550 WEST 10TH AVENUE	29	39	27	23	26	29	0.1	0.1	0.1	0.1	0.1	0.1
00202C	PRINCE GEORGE, B.C. 1011 4TH AVENUE	82	41	27	-	36	47	0.1	0.1	0.0	-	0.1	0.1
00303C	VICTORIA, B.C. 1250 QUADRA ST.	41	34	37	22	22	31	0.2	0.1	0.0	0.1	0.0	0.1

89 - 87

SUSPENDED PARTICULATE MATTER AND LEAD
MICROGRAMS PER CUBIC METRE

JUNE - JUIN
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
		3	9	15	21	27		3	9	15	21	27	
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	45	44	25	27	20	32	0.0	0.1	0.0	0.0	0.0	0.0
00701C	KELOWNA, B.C. 100 KLO RD.	41	37	23	19	24	29	0.0	0.0	0.0	0.0	0.0	0.0
09001C	WHITEHORSE, YUKON FEDERAL BUILDING	37	53	48	34	35	41	0.0	0.0	0.0	0.0	0.0	0.0

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

JUNE - JUIN
1989

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		3	9	15	21	27
10102C	ST. JOHN'S, NFLD. 354 WATER STREET	1	1	1	-	-
20101C	CHARLOTTETOWN, P.E.I. 56 FITZROY ST.	0	0	0	0	0
30115I	HALIFAX, N.S. CFB SHEARWATER	0	0	-	-	0
30310C	SYDNEY, N.S. COUNTY JAIL	0	3	0	0	1
30409R	GLACE BAY, N.S. SOUTH STREET	0	0	0	0	0
40203R	SAINT JOHN, N.B. FOREST HILLS	-	-	-	-	-
50102R	MONTREAL, QUEBEC JARDIN BOTANIQUE	0	0	-	1	-
50103R	POINTE-AUX-TREMBLES	1	1	0	0	0
50104C	1125 ONTARIO EST	1	0	0	1	1
50109C	DUNCAN & DECARIE	3	1	0	0	-
50110C	PARC PILON, MTL.-NORD	-	-	0	-	-
50112C	BOUL. LAURENTIDES	0	-	1	0	-
50113R	PIE X & CARDINAL	0	-	-	0	0
50116R	3161 JOSEPH, VERDUN	-	-	0	0	1
50119R	699 CURE POIRIER	-	0	0	0	0
50120R	4TH. AVE. SOUTH, ROXBORO	-	-	-	-	-
50203R	HULL, QUEBEC GAMELIN & JOFFRE	0	1	0	1	0
50303I	QUEBEC, QUEBEC CENTRE LOISIRS LIMOILLOU	-	-	-	-	-
50306R	2026 BLVD. ST-CYRILLE	-	-	-	-	-
50307C	PARC CARTIER BREBOEUF	0	-	-	-	-
50601C	ROUYN, QUEBEC HOTEL DE VILLE	-	0	-	0	-
50801R	TROIS-RIVIERES, QUEBEC HART & STE-CECILE	1	7	1	3	0
50901R	ARVIDA, QUEBEC POWELL & HOOPEES	-	-	-	0	-
51201I	SHAWINIGAN, QUEBEC FRIGON & LAVAL	1	28	19	2	-
51302R	BAIE COMEAU, QUEBEC 39 AVENUE MANCE	0	0	-	0	1
60101C	OTTAWA, ONT. 88 SLATER ST.	2	1	1	1	2
60104C	RIDEAU & WURTEMBERG	0	0	0	-	0
60204C	WINDSOR, ONT. 471 UNIVERSITY AVENUE	1	1	0	1	1
60212I	WATER & WRIGHT AVE.	1	1	0	1	1
60403I	TORONTO, ONT. EVANS & ARNOLD	0	1	0	2	-
60410R	LAWRENCE & KENNEDY	2	-	0	0	1
60413R	ELMCREST ROAD	-	-	-	-	-
60415R	QUEENSWAY W & HURONTARIO	0	1	0	0	0
60417C	26 BREADALBANE STREET	2	1	0	1	2
60501C	HAMILTON, ONT. BARTON & SANFORD	2	10	11	3	1
60511R	467 BEACH BLVD.	1	0	0	-	8
60512C	BEASLEY PARK	0	11	-	2	0
60602R	SUDBURY, ONT. ASH STREET	0	-	-	0	3
60707I	SAULT STE. MARIE, ONT. WM. MERRIFIELD SCHOOL	0	0	0	0	0
60807R	THUNDER BAY, ONT. 615 JAMES STREET SOUTH	0	-	0	0	0
60901C	LONDON, ONT. KING & RECTORY	0	2	1	1	0
61004R	SARNIA, ONT. FRONT ST. AT C.N. TRACKS	2	0	0	0	0

89 - 89

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

JUNE - JUIN
1989

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

STATION	LOCATION EMPLACEMENT	*----- DAY / JOUR -----*				
		3	9	15	21	27
61501C	KITCHENER, ONT. EDNA & FREDERICK	0	2	1	1	0
61602R	OAKVILLE, ONT. BRONTE AND WOBURN CRES.	1	0	0	0	1
61701R	OSHAWA, ONT. RITSON RD. & OLIVE AVE.	-	-	-	-	-
61802R	GUELPH, ONT. EXHIBITION PARK	0	2	1	1	1
62001R	NORTH BAY, ONT. O.P.P. STATION	0	0	0	0	0
70118R	WINNIPEG, MAN. JEFFERSON & SCOTIA	0	0	0	0	0
70119C	65 ELLEN STREET	0	1	0	0	0
80110C	REGINA, SASK. 2505 11TH. AVENUE	0	0	-	-	-
80209C	SASKATOON, SASK. IDYLYLD DR. & 33RD ST.	0	0	0	0	0
90121I	EDMONTON, ALTA. 17 STREET & 105 AVENUE	0	0	0	0	0
90218I	CALGARY, ALTA. BONNY BRK & 18A ST. S.E.	0	0	0	0	0
00110R	VANCOUVER, B.C. E. HASTINGS & KENSINGTON	1	0	0	1	1
00111I	ROCKY PT. PARK	2	0	0	1	0
00118R	2550 WEST 10TH AVENUE	0	0	0	1	0
00303C	VICTORIA, B.C. 1250 QUADRA ST.	-	-	-	-	-
00401C	KAMLOOPS, B.C. 301 SEYMOUR ST.	-	-	-	-	-

89 - 90

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

JUNE - JUIN
1989

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

STATION	LOCATION EMPLACEMENT	DUSTFALL RETOMBEES DE POUSSIÈRES	SO3
60403I	TORONTO, ONT. EVANS & ARNOLD	-	-
60501C	HAMILTON, ONT. BARTON & SANFORD	-	-
60502I	BURLINGTON & GAGE	12.0	-
60503I	CHATHAM & FRID	-	-
60507C	HUGHSON & HUNTER	-	-
60702R	SAULT STE. MARIE, ONT. ANNA MCREA PUBLIC SCHOOL	1.4	-
60703I	BAYVIEW & YOUNG	7.0	-
60801C	THUNDER BAY, ONT. 14 ALGOMA STREET	2.9	-
90125C	EDMONTON, ALTA. PRINS ELIZABETH & 108 ST	6.8	0.0 **
90126R	77 AVENUE & 85 STREET	5.6	0.0 **
90127I	115 AVENUE & 159 STREET	21.3	0.0 **
90128R	99 AVENUE & 160 STREET	9.9	0.0 **
90219C	CALGARY, ALTA. 620-7TH AVENUE, S.W.	7.8	0.0 **
90221R	DALHOUSIE DR & DALHAM DR	-	0.0 **
90223C	11 ST. & 38 AVE. S.E.	-	0.0 **
90224I	OGDENDALE & 71 AVE S.E.	-	0.1 **
90225R	PALLISER DR & OAKWOOD SW	-	0.0 **
90226I	SHEPPARD & 84 AVE S.E.	5.9	0.0 **

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